

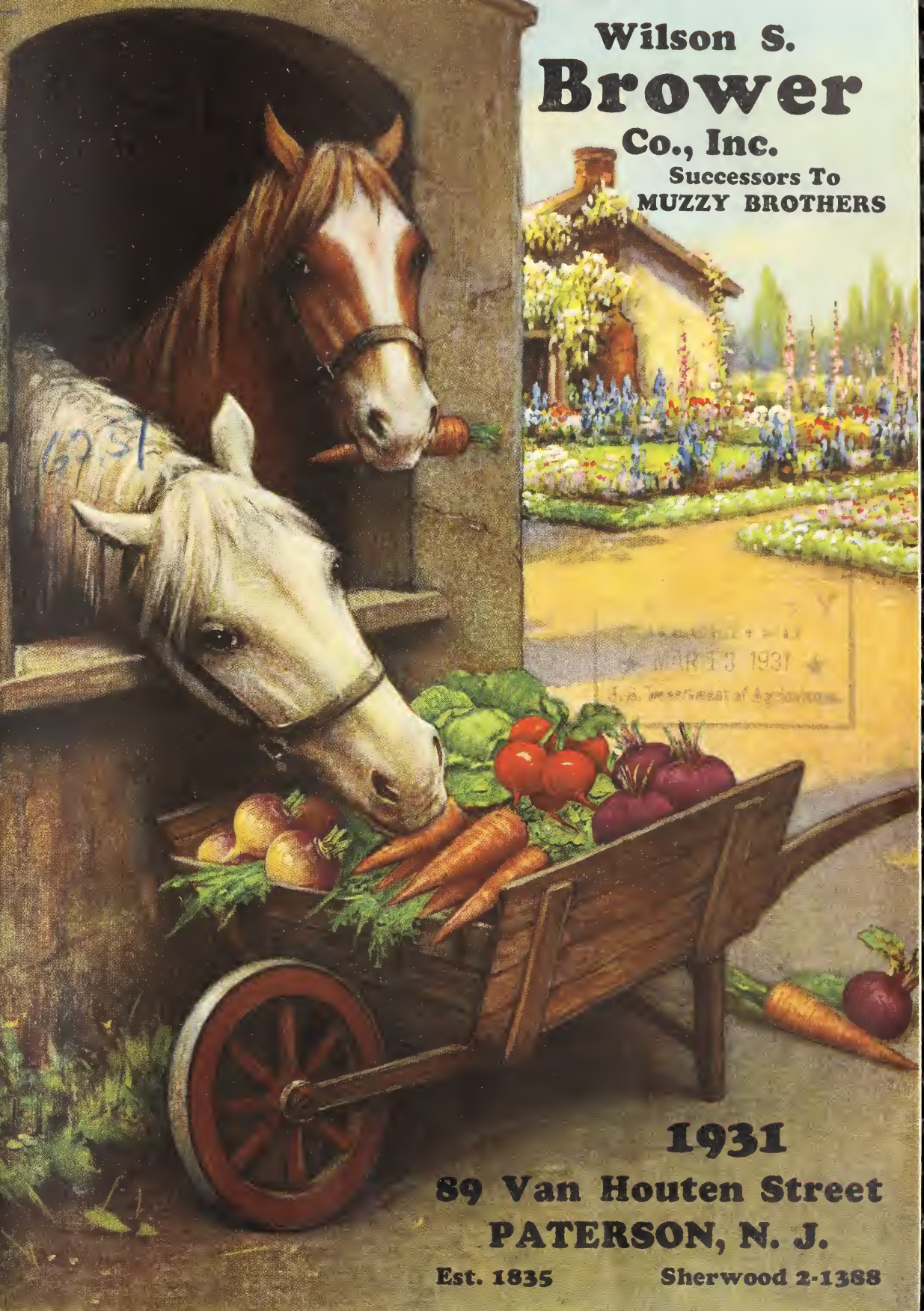
## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



Wilson S.  
**Brower**  
Co., Inc.

Successors To  
**MUZZY BROTHERS**



**1931**

**89 Van Houten Street  
PATERSON, N. J.**

**Est. 1835**

**Sherwood 2-1388**



# SPECIAL NOTICE



OUR Aim is to sell the Best Seeds Obtainable. We give no warranty, expressed or implied as to description, purity, quality, productiveness, or any other matter of any seeds, bulbs or plants we sell, and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned, and money refunded. **NOT TESTED SEED.** So marked to comply with chapter 228, Laws N. J., 1916

WILSON S. BROWER COMPANY, Inc.

Successors to

## MUZZY BROTHERS

### SEED AND AGRICULTURAL WAREHOUSE

89 Van Houten Street

Paterson, N. J.

PRICES SUBJECT TO CHANGES WITHOUT NOTICE

#### Special Notice to Market Gardeners

We sell to Market Gardeners, Truckers and Farmers' Clubs at special wholesale rates, and solicit your inquiries for close prices on round lots.

#### QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

Asparagus	1 oz. to	60 ft. drill
Beet	1 oz. to	50 ft. drill
Carrot	1 oz. to	150 ft. drill
Endive	1 oz. to	150 ft. drill
Okra	1 oz. to	40 ft. drill
Onion	1 oz. to	100 ft. drill
Onion Sets, small	1 qt. to	20 ft. drill
Parsley	1 oz. to	150 ft. drill
Parsnip	1 oz. to	200 ft. drill
Radish	1 oz. to	100 ft. drill
Salsify	1 oz. to	70 ft. drill
Spinach	1 oz. to	100 ft. drill
Turnip	1 oz. to	150 ft. drill
Peas	1 qt. to	100 ft. drill
Dwarf Peas	1 qt. to	100 ft. drill

Pole Beans	1 qt. to	150 hills
Corn	1 qt. to	200 hills
Cucumber	1 oz. to	50 hills
Water Melon	1 oz. to	30 hills
Musk Melon	1 oz. to	60 hills
Pumpkin	1 oz. to	40 hills
Early Squash	1 oz. to	50 hills
Marrow Squash	1 oz. to	16 hills
Cabbage	1 oz. to	3,000 plants
Cauliflower	1 oz. to	3,000 plants
Celery	1 oz. to	4,000 plants
Egg Plant	1 oz. to	2,000 plants
Lettuce	1 oz. to	4,000 plants
Pepper	1 oz. to	2,000 plants
Tomato	1 oz. to	2,000 plants



# NEW VARIETIES FOR 1931

## SQUASH

**GIANT YELLOW SUMMER STRAIGHT NECK SQUASH.** A recent selection from the Giant Yellow Summer Crook Neck Squash with all the good qualities of the former and none of its defects. There will be found in the new strain a small percentage that are not Crook Necks or Giant. The squashes are a deep orange color, heavily warted and when mature measure from 15 to 18 inches in length. The flesh is thicker and more meaty in the neck than in the Crook Neck variety. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

## GREEN BEANS

**ASGROW VALENTINE BEANS.** After many years of careful breeding and selection we are able to offer a Black Valentine which is stringless. It is hardy, productive, and the long green pods are fairly straight, and entirely stringless. We only have these in limited quantity this year, but all bean growers for market should give it a trial. Pkt. 20 cts.,  $\frac{1}{2}$  lb. 40 cts., lb. 70 cts., 2 lbs. \$1.30, 4 lbs. \$2.50, 10 lbs. \$5.00.

## TOMATO

**BREAK O'DAY TOMATO.** An early blight-resistant Tomato that promises to become a leading sort. It was introduced by Dr. Fred J. Pritchard of the United States Department of Agriculture by crossing Marvana and Marglobe. It possesses the small leaved open spreading type foliage of the Earliana, and produces smooth, meaty, globular red fruits similar to the Marglobe, but larger. All growers of Tomatoes should give this new variety a trial. Pkt. 60 cts., oz. \$2.00,  $\frac{1}{4}$  lb. \$7.50.

## LETTUCE

**WONDERFUL OR NEW YORK.** This is the variety used almost exclusively in our markets and is grown on an immense scale. The variety is deep green, but when prepared for the table the head is almost white and very crisp. It thrives in cool weather and is not recommended for the house garden in mid-summer. The proper name for the variety is **NEW YORK**, under which name it was introduced into America years ago, and in ordering, customers should use this name to get the true variety. We have an excellent and highly developed strain of it which is used in large quantities by the big shippers. For garden culture, sow the seed thinly and thin the plants when in the fourth leaf to at least twelve inches apart. This will seem like a wide distance, but to make solid heads, the plants need plenty of room. The soil should be well fertilized and irrigated. 1 oz., 25c; 4 oz., 75c; 1 lb., \$2.00.

## BEETS

**EARLY WONDER.** Roots are of globe shape with small top and the color of the flesh is deep blood red slightly zoned. Quality is excellent. May be used for both early and late plantings. 1 oz., 15c; 4 oz., 40c; 1 lb., \$1.25.

## SPINACH

**GAUDFLAY, BROADLEAVED.** A new smoothleaf Spinach which we consider superior to any smoothleaf variety of that type. It grows very quick and yet stands some 7—10 days longer than Viroflay and other smoothleaf types. The leaves are very thick and of a tremendous size. 1 oz. 15c,  $\frac{1}{4}$  lb. 40c, 1 lb. 75c.

## CELERY

**GOLDEN KING.** Grows about 24 to 26 inches height; long jointed; 8 or 9 inches to the joint; long rib, good heart, faster grower, making a very desirable strain for an extra early crop. It branches in 10 to 12 days. Pkt. 25c, 1 oz. \$2.00,  $\frac{1}{4}$  lb. \$7.00.

WILSON S. BROWER COMPANY, Inc.

Successors to

MUZZY BROTHERS'

ANNUAL

# Seed Catalogue

FOR 1931

Prices Subject to Change.

It is our endeavor to maintain the prices quoted in this Catalogue throughout the season, but owing to the present very unsettled conditions they are subject to change without notice.

Wilson S. Brower Co., Inc., give no warranty, expressed or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned, not tested seed so marked to comply with Chapter 228, Laws of N. J., 1916.

## ARTICHOKE

German, Artichocke; French, Artichaut; Spanish, Albachofa.

	Pkt.	Oz.
French Globe .....	\$0.10	\$1.25

The Seeds should be sown early in the spring, in drills an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills three feet apart and two feet between the plants. Plant in a deep rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. A bed will continue bearing for several years.

Jerusalem Artichoke, Tubers .....	25 cents each
-----------------------------------	---------------

## ASPARAGUS

German, Spargel; French, Asperge; Spanish, Esparrago.

Pkt. 5 cents

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
Conover's Colossal .....	.15	.40	1.00
Palmetto, a light green variety .....	.15	.45	1.25

	Per 50	Per 100	Per 1000
ROOTS			
Roots Palmetto, 2 years .....	1.00	1.50	12.50
Roots Mary Washington, 2 years .....	1.75	3.00	23.00

Sow the seeds early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.

Plant on sandy soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

In planting for private use; set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale set four feet apart one way and two the other, which will allow the use of a horse and cultivator to keep the weeds under.

## BEANS

German, Gartenbohne; French, Fève de Marais; Spanish, Hava.  
English or Broad.

**Asgrow Valentine**, a Black Valentine which is stringless, hardy, productive and long green pods fairly straight and entirely stringless. All bean growers should give it a trial. 1 lb. 70c, 2 lbs. \$1.30, 10 lbs. \$5.00.

**Bountiful, Extra Early**. Very prolific and long bearing. Flat green pods, tender and stringless. 1 lb. 45c, 2 lbs. 85c, 10 lbs. \$3.50.

**Valentine Black**, long round, green, solid pod, very early. 1 lb. 40c; 2 lbs. 75c, 10 lbs. \$3.50.

**Valentine, Giant Stringless**, about seven days later than extra Early Valentine. Slightly curved pod, brittle and stringless; a strong grower and good yielder. 1 lb. 45c, 2 lbs. 75c, 10 lbs. \$3.50.

**Valentine, Early**. Productive, tender and of excellent flavor. 1 lb. 45c, 2 lbs. 70c, 10 lbs. \$3.00.

**Beans, French Horticultural**. These are a late sort, usually listed under the Dwarf, Green Podded variety, but they are between a bush and a pole bean, having some runners but do not require poling. Pods are 7 to 8 inches long, and in the green stage can be used for a snap bean, and later as a shell bean. The pod is splashed with red. 1 lb. 50c; 2 lb. 90c; 10 lb. 4.00.

**Burpee's Stringless Green Pod**, the best stringless bean grown. Ten days to two weeks earlier than the valentine; pods full and fleshy, extremely crisp and absolutely stringless. Very productive. 1 lb. 45c; 2 lb. 80c; 10 lb. \$3.50.

**Refugee or Thousand to One**. (Late variety.) The pods are round and full, stringless and of fine quality. 1 lb. 45c, 2 lbs. 75c, 10 lbs. \$3.50.

### DWARF LIMA AND DWARF WHITE BEANS

**Burpee's Improved Bush Lima**. Beans are large as Large Lima, stout growth, branches vigorously, bearing 50 to 200 large pods well filled with very large beans. 1 lb. 45c; 2 lb. 85c; 10 lb., \$3.50.

**Fordhook Bush Beans**. 1 lb., 50c; 5 lb., \$2.25; 10 lb., \$4.00.

**White Marrowfat**, grown for sale in the dry state. 1 lb. 35c, 2 lbs. 50c, 10 lbs. \$2.50.

### DWARF WAX VARIETIES

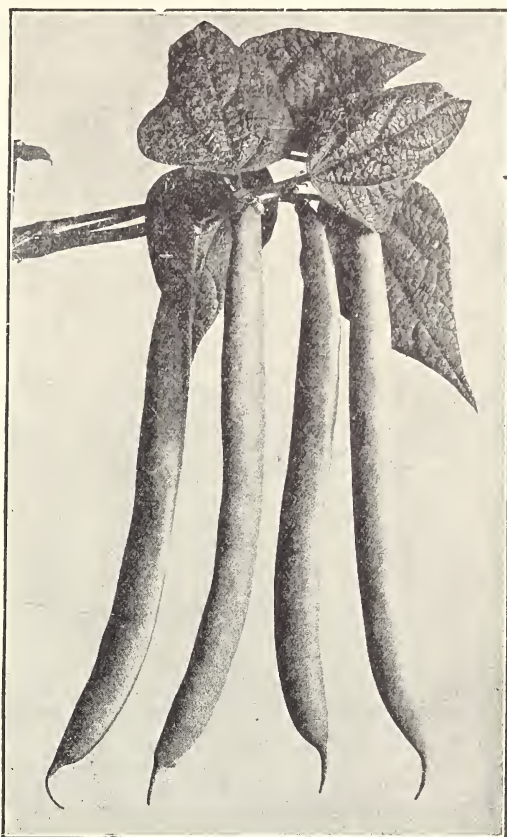
**Delicious Wax, Landreths'—54 Days**. This is a splendid, very productive, round podded Wax Bean, with extremely healthy vines. This Stock was selected very carefully from Stringless Green Pod in our Trial Ground at Filer, Idaho. It is the same in every respect as the Stringless Green Pod except that the Pod is a Wax instead of a Green Pod. This bean should supersede the Improved Golden Wax as it is a much better quality. The pods are round and absolutely stringless. The dry Seed being identical in appearance to the Stringless Green Pod. 1 lb. 50c; 2 lb. 90c.

**Sure Crop Stringless Wax**. It starts bearing within 60 days after seeds are sown. The pods average 6 to 7 inches long, are very meaty, flat but thick through, and in common with most black-seeded varieties, is very hardy and may therefore be planted several days earlier than the light-seeded sorts. 1 lb. 45c, 2 lbs. 75c, 10 lbs. \$3.50.

**Round Pod Kidney Wax**, same as Wardell's, only round pods. 1 lb. 45c, 2 lbs. 75c, 10 lbs. \$3.50.

**Wardell's Kidney Wax**, extra early, long flat pods, very productive. 1 lb. 45c; 2 lb. 80c; 10 lb. \$3.50.

**Golden Eyed Wax Earliest Variety**. 1 lb., 45c; 2 lb., 80c; 10 lb., \$3.50.





**BEANS—Dwarf Wax Varieties, Continued**

	1 lb.	2 lb.	10 lb.
<b>Curries Rust Proof</b> , very early and prolific. The pods are long, full, stringless; of very fine quality .....	.45	.85	\$4.00
<b>Golden Wax</b> . This valuable variety is about ten days earlier than the black wax pods, large, long semi-round, brittle, stringless .....	.45	.75	\$3.50
Blossoming time sends up a tendril a foot longer than vein which drops off.			
<b>Hodson Wax</b> , very large, tender, pods stringless, very productive .....	.45	.75	\$3.50

**BEANS, Pole or Running Varieties**

<b>Challenger Lima</b> . Potato variety, five and six in a pod .....	.45	.80	\$3.50
<b>King of Garden Lima</b> . Vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size. Generally grown for main crop .....	.45	.80	\$3.50
<b>Large White Lima</b> . Greatly esteemed variety .....	.45	.75	\$3.25
<b>Kentucky Wonder, or Homestead Extra Early</b> . Pods long, tender and good flavor, very productive .....	.40	.75	\$3.00
<b>Scarlet Runner</b> . Beautiful scarlet flowers; for ornamental and table use .....	.45	.80	3.50
<b>Beans, London Horticultural, Pole</b> . This is a late green shell bean. The leaves are light colored, pods are about 5 inches long and are light green when young but take on a more yellowish appearance spotted with red as they grow older .....	.45	.80	\$3.50
<b>Early Golden Cluster</b> . Bright yellow pods, stringless, in clusters .....	.45	.70	\$3.00
<b>Yard Long, French</b> . Pods sometimes grow from 2 to 3 ft. long, are very slender like a pipe stem; should be grown on pea bush .....	1.25		

Sow Bush sorts in drills about two feet apart, and drop the beans about three inches apart in the drill, cover two inches or less for a succession, sow at intervals of two weeks. Lima beans should not be planted until settled weather; make rich hills, four feet apart each way set a pole eight or ten feet high in each; press the beans into the soil eye down, six or eight to each pole, and when they are well up, thin out to four.

A quart of Limas is sufficient for 75 to 80 hills, and a quart of Bush Beans will sow a row 100 feet long.

**BEETS**

German, Runkelrub; French, Bourrache;

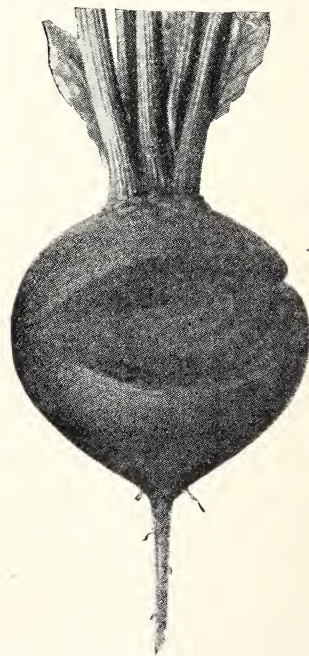
Spanish, Remolacha.

**Detroit Dark Red (Special)**. A splendid beet for market or home use, of a deep color, tender and of delicate flavor.

Oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25

**Dark Red Egyptian Crosby's (Special)**. The earliest beet in cultivation, color deep crimson; of excellent quality.

Oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25



DETROIT DARK RED BEET

## BEETS—Continued

	Per oz.	$\frac{1}{2}$ lb.	Per lb.
Extra Early Eclipse. Very early, good size.....	.15	.40	\$1.00
Early Blood Turnip. Standard early sort, an excellent variety .....	.15	.40	\$1.00
Dewing's Blood Turnip. Of fine form and flavor .....	.15	.40	\$1.00
Early Wonder. (See Specialties) Globe Shaped .....	.15	.50	\$1.25
Long Smooth Blood Red. An excellent late variety .....	.15	.40	\$1.00
Swiss Chard. Used for its leaves, which are cooked as Spinach ....	} See page 28 }	.15	.40
Swiss Chard Lucullus .....			
			\$1.25

## MANGEL-WURZEL AND SUGAR

Varieties used for feeding stock. Sow 6 lbs. per acre.

## Special Price in Quantities

	1 oz.	$\frac{1}{4}$ lb.	1 lb.
Mammoth Red Mangel-Wurzel. Producing roots of mammoth size, very regular, and with a small top.....	.15	.25	.75
Long Yellow Mangel-Wurzel. Good for general crop .....	.15	.20	.65
Giant White $\frac{1}{2}$ Sugar Beet. Extensively grown for feeding stock and manufacture of sugar .....	.15	.25	.75

A rich, deep open soil is the best suited to the culture of Beets. Fresh manure is undesirable, but land that has been well manured the previous year is highly suitable. For an early supply sow in the spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand in the cellar or outhouse. Before storing, leaves and fibers must be cut off, but care must be taken not to bruise the main root.

## BORAGE

10 cents Pkt.

German, Borritch; French, Bourrache; Spanish, Berraja.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Borage, used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cool- ing drinks. Bees are very partial to the flower .....	.35	.80	\$3.00

## BROCCOLI

10 cents. Pkt.

German, Spragel Kohl; French, Chou Brocoli; Spanish, Broculi.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Calabrese (Imported Italia) .....	\$2.00	\$7.00	
Purple Cape, differing from the preceding color, greenish purple .....	\$0.50	\$1.50	

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seeds should be sown in this district in the early part of May and transplanted in June; farther south the sowing should be delayed until June or July; and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 30 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.



## BRUSSELS SPROUTS

10 cents Pkt.



German, Sprossen-Kohl; French, Chou de Bruxelles; Spanish, Breza de Brussels.

**Dalkeith Dwarf Improved**, a variety producing compact sprouts of excellent quality. Pkt. 10c; Oz., 50c;  $\frac{1}{4}$  lb., 1.50.

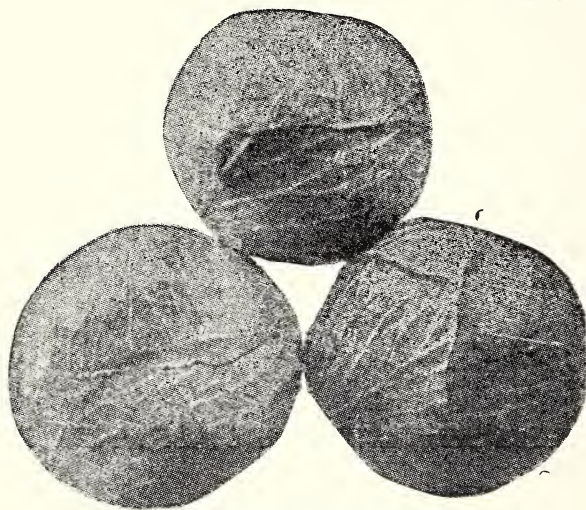
A tender, delicious vegetable. The plant grows two, or three feet high, and produces from the sides of the stalks numerous little sprouts, one or two inches in diameter, resembling cabbage. The leaves which look like a Savoy should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May transplant and cultivate the cabbage.

## CABBAGE

10 cents Package, except quoted otherwise.

German, Kopfkohl; French, Chou; Spanish, Berza de Pepollo.

1 oz.  $\frac{1}{4}$  lb. 1 lb



### COPENHAGEN MARKET

<b>Early Flat Dutch.</b> This is one of the best early cabbages in cultivation .....	.25	.75	2.50
<b>Henderson's Succession.</b> A second early or late variety, a sure header; seeds sown in March produce large heads in June.....	.45	1.10	3.50
<b>Danish Round Head Short Stem.</b> Large, round, solid, sweet and crisp, sure header .....	.45	1.25	4.00
<b>Large Late Flat Dutch.</b> The most popular variety for late cultivation .....	.35	1.00	3.25
<b>Mammoth Red Rock.</b> Used almost exclusively for pickling .....	.35	1.00	3.50
<b>Drumhead Savoy (American).</b> The largest heading sort, of excellent flavor .....	.45	1.35	3.50
<b>Golden Acre.</b> An early variety which closely resembles Copenhagen Market in type. As its name implies, it is a money-maker. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer. Because of its earliness and fine quality it commands a higher price than any round-headed Cabbage .....	.75	2.25	8.00
<b>Chinese (Pe Tsai)</b> .....	.25	.85	3.00
<b>L. I. or Hudson Red</b> .....	.50	1.50	5.00
<b>Earliest R. I. Red</b> .....	.45	1.50	4.75

### Copenhagen Market.

The finest, large, round-headed, early Cabbage; very solid and of fine quality; short-stemmed. .55 1.40 4.75

### Enkhuizen Glory.

Large, early, white, solid, ball shaped heads ..... .45 1.10 3.75

**All Seasons,** fine variety, for second early or late growing, good size .... .25 .85 3.00

**Early Jersey Wakefield.** The leading variety for market, very early, of medium size, good quality, sure to head .. .45 1.00 3.50

**Charleston Wakefield.** Large strain of the above ..... .35 1.00 3.50

For very early use plant in the autumn from 10th to 25th September, in a seed bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring, as the soil will admit. For autumn and winter use, plant in seed-bed in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in hot bed early in spring, seed of the early kind for a second crop; also the late varieties for winter use.



## CARROT

5 cents Package

Except Quoted Otherwise.

German, Mochern; French, Carotte.

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It should never be sown on newly manured ground as forked roots are sure to be the result. It is best to sow on ground that has been well manured the previous year for some other crop such as Celery, Potatoes, Onions or Peas, but avoid such crop as Cabbage and Turnips, or any of the tap rooted sections. For early or main crops sow the latter part of April; for later crops, they may be sown any time until the beginning of June. Sow in rows about 15 inches apart and half an inch deep, thinning out to three or four inches between the plants.

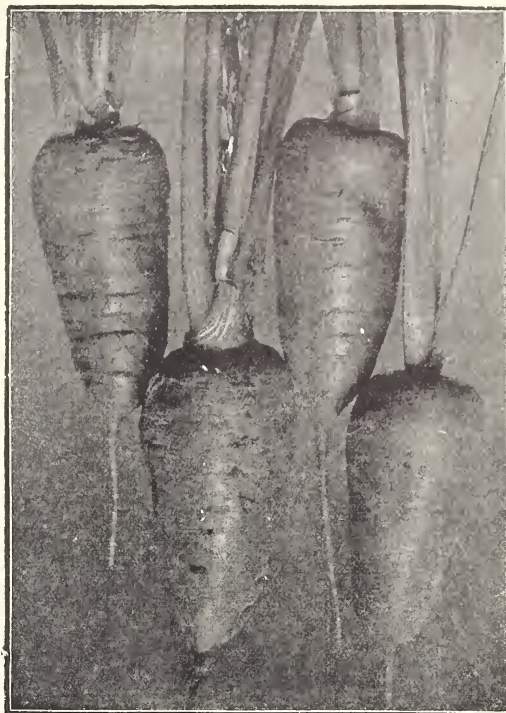
**Morse's Red-Cored Chantenay.** A carrot with the shape and size and general characteristics of Chantenay. The core being the same color as the flesh, is inconspicuous, is tender and sweet and does not look yellow in cooking. 1 oz., 25c;  $\frac{1}{4}$  lb., 70c; 1 lb., \$2.50.

**Early Scarlet Horn.** Old and favorite sort, much esteemed for early summer. 1 oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.00.

**Half Long Danvers (Special).** A variety intermediate in size and period of maturity between the preceding and the Long Orange, oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

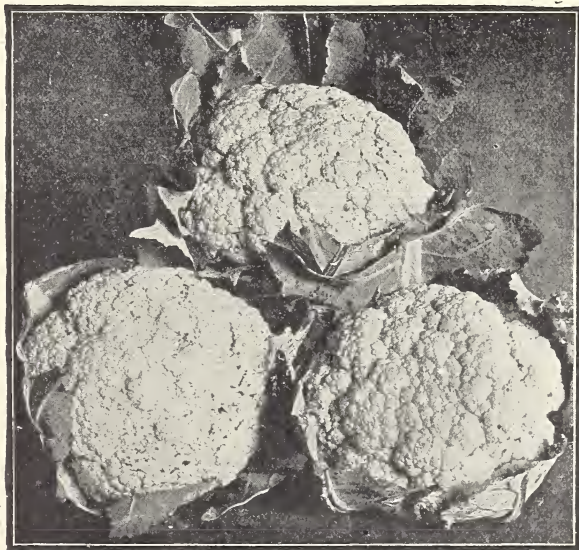
**Half Long Chantenay (Special).** Like Nantes, broader shoulder, oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

Half Long Stump Guarande or Oxheart.....	.15	.35	1.00
Half Long Stump Nantes .....	.15	.35	1.25
Long Orange Improved. Roots of large size, equally adapted for garden or farm culture .....	.15	.30	1.00



DANVERS CARROT

Per oz.	$\frac{1}{4}$ lb.	lb.
.15	.35	1.00
.15	.35	1.25
.15	.30	1.00



EARLY SNOW BALL CAULIFLOWER

**Early Snow Ball (Catskill).** The finest strain of Snow Ball Cauliflower. Very early. 1 oz. \$2.50;  $\frac{1}{4}$  lb. \$8.00.

## CAULIFLOWER

German, Blumen-Kohl; French, Chou-fleur; Spanish, Coliflor.

**Large Early Snowball.** Best for forcing under glass or open ground. Pkg. 25c;  $\frac{1}{4}$ -oz., \$1.00;  $\frac{1}{2}$ -oz., \$1.75; 1-oz., \$3.00;  $\frac{1}{4}$  lb., \$8.50.

**Early London.** Pkt., 15c; 1-oz., \$1.00;  $\frac{1}{4}$  lb., \$3.00.

**Denmark, Special Large Late.** Very fine variety, large white, compact heads, the space necessary between plants is greater than other varieties. Pkt., 25c;  $\frac{1}{4}$  oz., \$1.00;  $\frac{1}{2}$  oz., \$1.75; 1 oz., \$3.00;  $\frac{1}{4}$  lb., \$8.50.

**Danish Giant or Dry Weather.**  $\frac{1}{4}$  oz., \$1.00;  $\frac{1}{2}$  oz., \$1.75; 1 oz., \$3.00;  $\frac{1}{4}$  lb., \$8.50.



**CAULIFLOWER—Continued**

Cauliflower delights in rich, moist soil and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seed in the hot-bed in January or February and transplanting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.

**CELERY**

10 cents Package, except quoted otherwise.

German, Celeri; French, Celeri; Spanish, Apih.

**Golden King.** Grows about 24 to 26 inches high, longed jointed—8 to 9 inches to the joint. Long rib, good heart, faster grower, making a very desirable strain for an extra early crop. It blanches in 10 to 12 days. Pkt. 25c, 1 oz. \$2.00, ¼ lb. \$7.00.

**Golden Self-Blanching.** American Strain. Very choice. Standard early variety ..... Pkt. 10 cents

**Giant Pascal.** Stalks very large, thick and crisp ..... Oz. ¼ lb. lb.

**Golden Self-Blanching.** French Strain. Similar to White Plume; much larger in growth. Solid, best variety in market. Pkt. 15 cents ..... .65 2.25 6.00

**White Plume.** Requires very little banking ..... .40 1.10 3.50

**Dwarf White, Soup Celery.** An imported variety of fine flavor; soup greens ..... .90 3.50 8.00

**Golden Phenomenal.** The plants are heavy, compact and full hearted. The stems are broad and thick, brittle and free from strings, of fine flavor and of excellent quality all through. In other words this is Golden Plume with all the good qualities of Golden Plume but in addition is taller with longer edible stems. .... .35 1.00 3.50

2.00 7.00 25.00

## **CELERIAAC** **KNOB-CELERY**

10 cents Pkt.

German, Knob-Celeri;  
French, Celeri Rave.

**Giant Prague.** For soups, etc. When sliced and cooked makes good winter salad. 1 oz., 35c; ¼ lb., 90c; 1 lb., \$3.00.

The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to firmly press the soil over the seed; this should be done by treading over the rows with the feet after sowing; this prevents the air drying up the seed, which thereby loses its vitality and fails to germinate. Many valuable crops are annually lost by inattention to this important particular. After the seed is up, keep carefully clear of weeds until the time of planting June and July; the crops may be shorn off once or twice before planting; this makes them "stocky" and they suffer less in being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots.

**CHERVIL**

Package 10 Cents

German, Bisenlauch; French, Cerfeuil;  
Spanish, Cerafolio.

Curled ..... 1 oz. 25c; ¼ lb. 75c, 1 lb. \$2.50

The young leaves are used in soups and salads. Sow thinly in May, in drills of an inch deep, one foot apart.



**CELERY**



**CHICORY**

Pkt. 10 Cents

German, Chicorie; French, Chicorce Saur; Spanish, Escarola  
Oz. ¼ lb. 1 lb.

**Common.** This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June the roots are transplanted in autumn into sand in a cellar; the shoots of which will come up soon from the "Barbe de Capucin" .25 .75 2.50

**Large Rooted.** Used to mix with or a substitute for coffee. The young leaves sprouted from year old roots are excellent as a salad .25 .60 1.75

**Witloof or French Endive.** Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way in August and September. It requires no special soil or manure, and after planting, is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is affected by covering up the plants as they grow, with slats or boards, which serves the purpose of excluding the air and light .25 .75 2.00

**CRESS**

Except Quoted Otherwise

German, Kress; French, Cresson; Spanish, Masturoz

<b>Curled Cress or Peppergrass</b> .....	<b>Pkt. 10c</b>	<b>Per. oz.</b>	<b>¼ lb.</b>
		.15	.40
<b>Water Cress</b> .....	<b>Pkt. 10c</b>	.55	1.75

Are excellent for small salads; the leaves, while young have a warm, pungent taste. They can be used alone or mixed with Lettuce, Mustard, or other salad plants. Sow thickly at frequent intervals for succession, and treat in the same manner as mustard.

**CORN SALAD OR FETTICUS**

Pkt. 5 Cents

German, Ackersalat; French, Mache; Spanish, Macha Valeneanilla

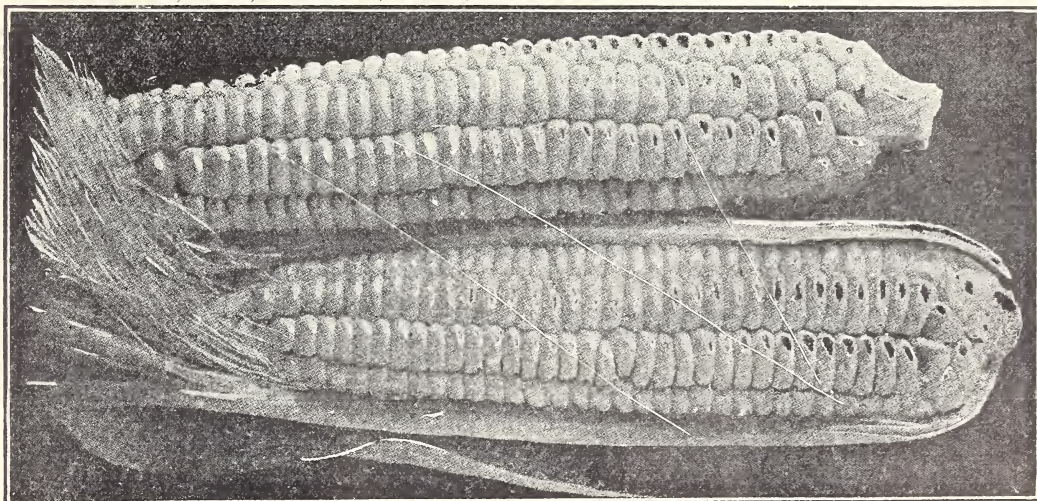
<b>Large Seeded</b> .....	<b>Per oz.</b>	<b>¼-lb.</b>	<b>lb.</b>
	.20	.60	1.75

Corn Salad, Feticus or Lambs Lettuce is used to a considerable extent as a salad. It is sown on the first opening of spring in rows one foot apart and is fit for use in six to eight weeks from the time of sowing. If wanted to come out early in spring, it is sown in September, cover up with straw or hay as soon as cold weather sets in and is wintered over the same way as Spinach.

**CORN---Sweet**

Pkt. 10 Cents

German, Zuker, Welshkorn; French, Mais de sucre; Spanish, Maiz de Azucar

**WHITLOOF  
CHICORY**



## CORN—Continued

## EXTRA EARLY VARIETIES

	Ear	1-lb.	5-lb.	10-lb.
Golden Rod Early Yellow. Very sweet .....		.45	1.50	2.75
Golden Bantam Extra Early. Yellow, very sweet and tender		.45	1.50	2.75
Early White Cory. Earliest grown, fit for use 60 days after planting. Very sweet, good size, white cobs. ....		.45	1.50	2.75
Surprise Early. White .....		.45	1.50	2.75
Whipple's Early Yellow—70 Days. A meritorious new yellow sweet Corn. Stalks 6 feet or more in height. Ears 12 to 16 rowed, 7 to 8 inches in length. Matures a few days before Golden Bantam .....		.45	1.50	2.75

## SECOND EARLY OR INTERMEDIATE

Golden Evergreen. Yellow .....	.45	1.50	2.75
Early Champion. Large ears, very sweet and productive. The earliest large sort grown and fine for either home or market use .....	.45	1.50	2.75
Long Island Beauty Early. Excellent, medium early, large size, sweet .....	.45	1.50	2.75
Early Mammoth. Large second early .....	.45	1.50	2.75

## GENERAL CROP AND LATE

Stowell's Evergreen. A late variety, of excellent quality, re- maining longer in the green state than any other; general crop .....	.45	1.50	2.75
Evergreen, Bantam—80 Days. A second early, one of the lat- est introductions to the Sugar Corn family. Some think it will take the place of the famous Stowell's Evergreen. Height of stalk 7½ to 8 feet, ears thick, 7 to 8 inches long .....	.45	1.50	2.75
Mammoth Sugar. A late variety of large size, very sweet and immensely productive. A leading variety .....	.45	1.50	2.75
Country Gentleman. The sweetest and most tender of all sweet corn, late crop .....	.45	1.50	2.75
Sweet Fodder. For ensilage .....	Price on Application		

## FIELD CORN

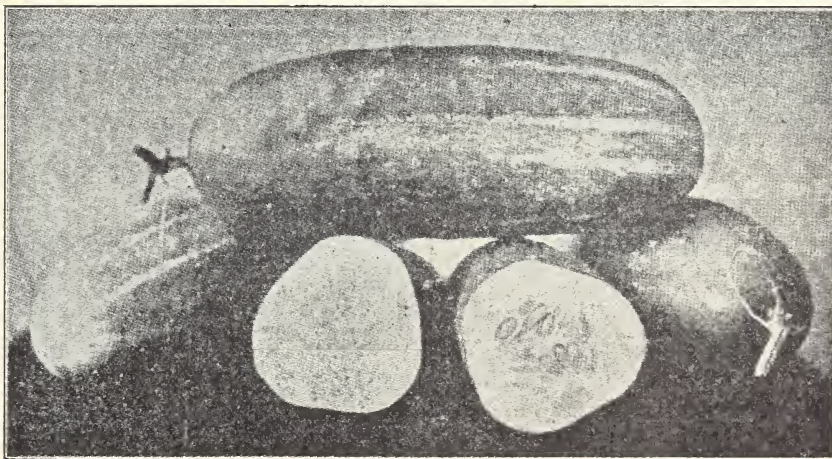
8 Cents Ear, 48 Pounds Bushel Ears

Mastodon Dent. Very early, strong growing...	}	Dent Varieties	}	Price on Application
Leamings Yellow. (Dent) early .....				
Early Canada. Yellow kernels .....	}	Flint Varieties		
Large Yellow Flint .....				
Large White Flint .....				
Southern Horse Tooth. For fodder.....	}			Price on Application
Eureka White Dent, for ensilage, 12 to 14 rows, one of the best ensilage varieties, the fodder growing up to 17 feet, in some places matures in 120 to 130 days .....				

## CUCUMBERS

10 Cents Pkt.

	Oz.	¼-lb.	1-lb.
<b>Early Fortune.</b> Very early and productive. Uniform size. Good shipper	.15	.40	1.25
<b>Forhook Pickling.</b> Prolific, medium size, skin thick .....	.15	.40	1.25
<b>Davis Perfect.</b> For forcing or outdoors, long and straight, valuable for slicing .....	.15	.40	1.25
<b>Cool and Crisp.</b> Very prolific; good for pickling and productive .....	.15	.40	1.25
<b>Japanese Climbing.</b> Can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and mild flavor .....	.15	.40	1.25
<b>Nichols Medium Green.</b> A valuable and handsome variety, in shape between White Spine and Long Green, an excellent sort for pickles and useful for forcing. Very prolific, fruit straight and smooth, color dark green; fresh, tender and crisp .....	.15	.40	1.25
<b>Arlington White Spine.</b> Fine either for forcing or for outdoors .....	.15	.40	1.25
<b>Early Green Cluster.</b> A short, prickly, slender variety, bearing in clusters near the root. It is a great bearer.....	.15	.40	1.25
<b>Long Green.</b> A very excellent variety; a good bearer; about a foot in length, rather pointed at both ends; dark green, firm and crisp .....	.15	.40	1.25
<b>Green Prolific Pickling.</b> Very prolific; and said by those who have tested it equally desirable as a market Cucumber.. .	.15	.40	1.25
<b>West Indian Gherkin or Burr.</b> A very small oval shaped prickly variety It is grown exclusively for pickling, and should always be picked when young and tender .....	.15	.40	1.25
<b>Clark's Special (Long Green).</b> Very productive,disease resistant .....	.15	.40	1.25



Cucumbers succeed best in warm, moist, rich loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill.



## DANDELION

15 Cents Pkt.

German, Pardelblume; French, Pissenlit; Spanish Armagon

**Cultivated or French Common.** A decided improvement on the wild dandelion. It is very early and vigorous. Oz., 35c; 2 oz., 60c; ¼ lb., \$1.00; lb., \$3.50.

**Improved Thick Leaved.** Unsurpassed in thickness of leaf and deep green color. It is compact and forms an upright regular tuft at the center. This cabbaging sort is much superior to the common or uncultivated dandelion. Oz., \$1.00; 2 oz., \$1.60; ¼ lb., \$2.75; lb., \$10.00.

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.



DANDELION.

## ENDIVE

All 5 Cents Pkt.

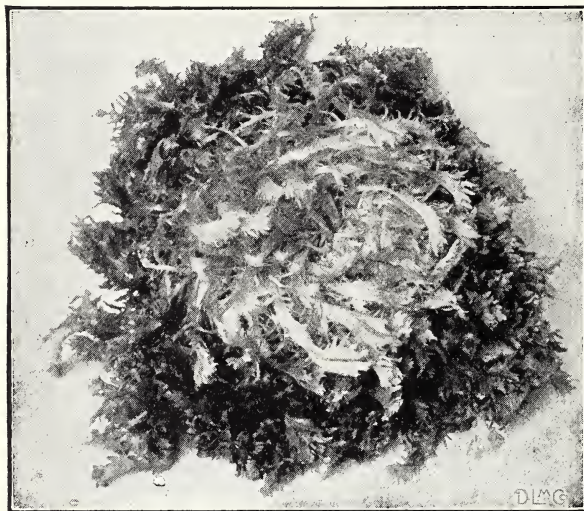
German, Endevien; French, Chicoree; Spanish, Endivia

**Green Curled Winter.** German, Endevien; French, Chicoree; Spanish, Endivia. Very hardy; leaves dark green, tender and crisp. 1 oz., 25c; ¼ lb., 50c; 1 lb., \$1.75.

**Broad Leaved Batavia.** (Escarolle), chiefly used in soups and stews; requires to be tied up for blanching. 1 oz., 25c; ¼ lb., 50c; 1 lb., \$1.75.

**Early White Curled.** (Self-blanching), the best variety; grows to large size; very large and tender. 1 oz., 25c; ¼ lb., 50c; 1 lb., \$1.75.

**Full Golden Heart.** (Escarolle) for Fall Planting. 1 oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.



ENDIVE

## EGG PLANT

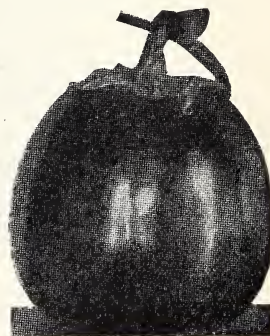
All 10 Cents Pkt.

German, Eier Pflanz; French, Aubergine; Spanish, Bereinfiena  
1 oz. ¼ lb. 1 lb.

**New York Improved.** Superior market variety of large size and fine variety ..... .65 1.75 6.00

**Black Beauty Tendage.** Earlier than New York. Improved and as large; purplish black ..... .65 1.75 6.00

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hot-beds, or if they are not convenient, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart.



NEW YORK EGG PLANT

## KALE

Pkt. 10 Cents, except where noted.

German, Blatter-Kohl; French, Chou Vert; Spanish, Breton.

Oz.  $\frac{1}{4}$  lb. lb.

**Siberian German Green or "Sproute."** This variety is extensively used for early greens for which it is sown in the fall in rows one foot apart and treated in the same manner as Spinach; it is ready for use in early spring. Sowing can also be made in spring .....15 .35 1.00

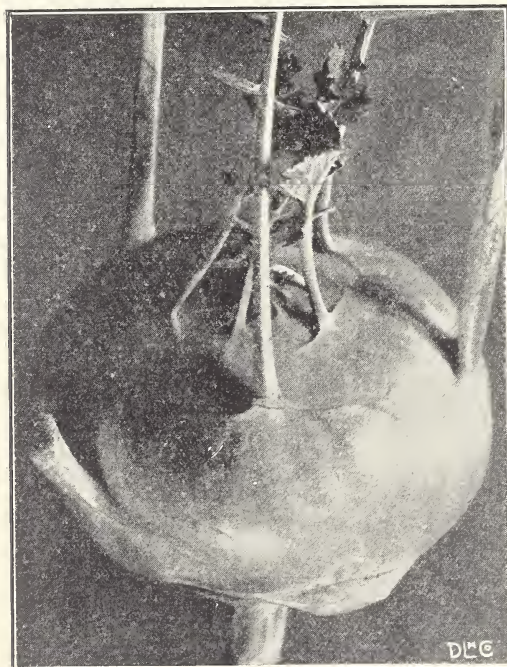
**Dwarf Green Curled Scotch.** Beautifully fringed dwarf growing kind, with bright green leaves, 10c pkt. .25 .50 1.50

**Tall Green Curled Scotch.** Tall growing, very hardy variety, leaves a bright green, beautiful curled. 10c pkt. .25 .50 1.50

Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in June and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.



KALE



KOHL-RABI

## KOHL-RABI

Pkt. 10 Cents.

German, Kohl-Rabi; French, Chou Rave; Spanish, Colinabo.

Per oz.  $\frac{1}{4}$  lb. lb.

**Early White Vienna.** Flesh white and tender; best market sort; good for table use ..... .25 .75 2.25

**Early Purple Vienna.** Differing from the above in color, which is of a bluish purple ..... .25 .75 2.25

Kohl-Rabi or Turnip stemmed cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb, somewhat resembling a turnip: this again is covered with leaves. The edible part is the bulb, which is dressed and served like turnip, is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.



## LEEK

Pkt. 5 Cents

German, Lauch; French, Poireau;

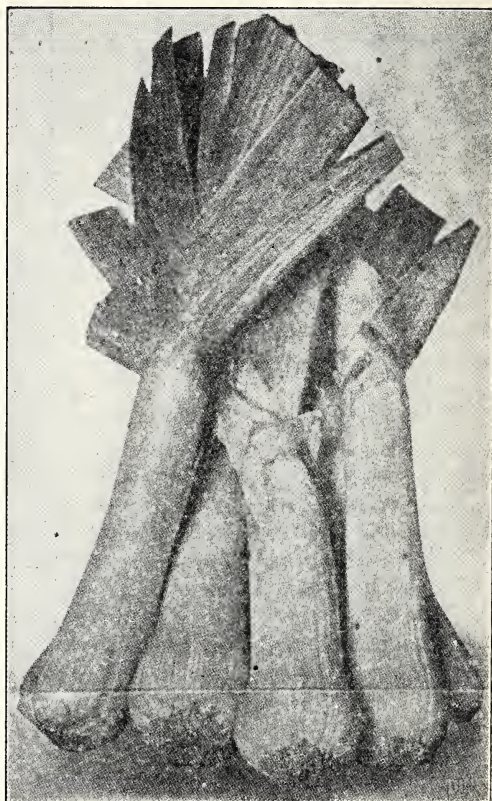
Spanish, Puerro

<b>Large American Flag.</b>	oz.	$\frac{1}{4}$ lb.	lb.
The kind mostly grown			
for market .....	.25	.75	2.50

<b>Giant Musselburg,</b> produc-			
ing fan-shaped foliage;			
quite a strong grower,			
and a desirable market			
variety .....	.25	.75	2.50

<b>Large Rouen.</b> Very large			
and fine .....	.25	.75	2.50

The Leek is very hardy and easily cultivated; it succeeds best in a light, but well enriched soil. Sow as early in the spring as practical, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible; that the neck, being covered, may be blanched. If fine leeks are desired, the ground can hardly be made too rich.



LEEK.

## LETTUCE

Pkt. 10 Cents

German, Laitick; French, Laitue; Spanish, Lechuga

**Paris White Cos, Trianon or Romaine—55 Days.** White Seed. This variety, maturing for table in eight weeks from germination, should be found in every vegetable garden as it is a thoroughly reliable Lettuce. A strong grower and very productive with long, shell-shaped leaves of most excellent quality. It is a self-folder, but when the plant is over half grown, it is best tied up with a soft string or a wisp of grass that the inner leaves may be blanched perfectly white, in which condition they are more crisp and decidedly more palatable than varieties of a Cabbage-heading habit. It is a mystery why it does not displace them, especially as a given amount of ground will produce more than twice the amount of edible leaves than can possibly be obtained from any round-head. 1 oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.00.

There are a number of Cos Lettuces; none superior to the white and green—very quick and hardy.

In Europe the entire leaves, the shape of a rabbit's ear, are eaten "out of hand" as they call it.



## MAY KING LETTUCE

German. Laitick; French, Laitue; Spanish, Lechuga

Per oz. ¼-lb. lb.

<b>Special Big Boston W. S. Extra Select.</b> Heads creamy white whether grown in open garden or under glass. Very large, slightly tinged with reddish brown, solid and uniform. White Seed. Seed saved from a selection better than that producing the ordinary stock of Seed. It has a high reputation in the marketgardening sections. The most generally used variety. We advise all to plant this excellent strain of Big Boston .....	.50	\$1.75	\$6.00
<b>New York or Wonderful.</b> Round Solid Head. Heat resisting. Grows larger than Iceberg and matures 10 days earlier .....	.25	.75	2.00
<b>May King Lettuce.</b> Very early, sure leader, solid, good flavor .....	.25	.60	2.00
<b>Big Boston.</b> Similar to Boston Market, double this size. Selected .....	.25	.60	1.50
<b>Early Curled Simpson.</b> Very early and an excellent sort for forcing; is largely grown by the market gardeners .....	.25	.50	1.75
<b>Salamander Head.</b> Fine compact head, resists heat .....	.25	.60	2.00
<b>Black-Seeded Butter.</b> Fine market strain .....	.25	.60	2.00
<b>Large White Cabbage.</b> Excellent for summer; heads of good size .....	.25	.60	2.00
<b>Black-Seeded Simpson.</b> Stands the summer well .....	.25	.60	2.00
<b>Shotwell's Brown Head.</b> Large and handsome; heads hardy; standing summer heat without injury .....	.25	.60	2.00
<b>Boston Market.</b> Large solid heads, very fine for forcing, and of fine flavor ..	.25	.60	2.00
<b>Iceberg Favorite Summer Lettuce.</b> Heat resisting. Very crisp, strong center ribs which bend toward center of plant, keeping it thoroughly blanched ..	.25	.75	\$2.00
<b>Unrivaled.</b> An improvement on the White-seeded Big Boston, forming very solid, large, pale green heads without the reddish brown tinge, and of excellent quality. Forms a head in six weeks; at least ten days earlier than the regular Big Boston. May be sown all through the year and stands heat remarkably well. Is crisp, tender, and solid .....	.25	.75	\$2.00

Lettuce is the most popular of all salads. It is easy of cultivation, but likes a good rich soil. For early use, sow Simpson and May King under glass in February and March and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for successions as long as the weather permits; thin out well or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September, and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture.



## MELON, MUSK

### Package 10 Cents

German, Melone; French, Melon; Spanish, Melon Muscatel

	Per. oz.	¼-lb.	lb.
<b>Hearts of Gold.</b> A selection from Hoo Doo, this melon runs very uniform in size. It is a splendid shipping variety and is increasing in use.	.25	.60	1.75
<b>Tip Top.</b> This kind cannot be excelled for its eating qualities. The flesh is a bright salmon color, remarkably thick, sweet and spicy. It varies from round to slightly oblong and with a green skin turning to a lemon color as it approaches maturity	.25	.60	1.75
<b>Honey Dew.</b> Large, round, delicious, rich green flesh	.25	.60	1.75
<b>Paul Rose.</b> Handsome, oval, orange flesh, sweet	.25	.40	1.25
<b>Long Island Beauty.</b> Similar to Hackensack; very early	.25	.40	1.25
<b>Miller's Cream or Osage.</b> Flesh and salmon color and very thick	.25	.45	1.50
<b>Hackensack.</b> Variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor.	.25	.40	1.25

### Long Yellow Cantaloupe.

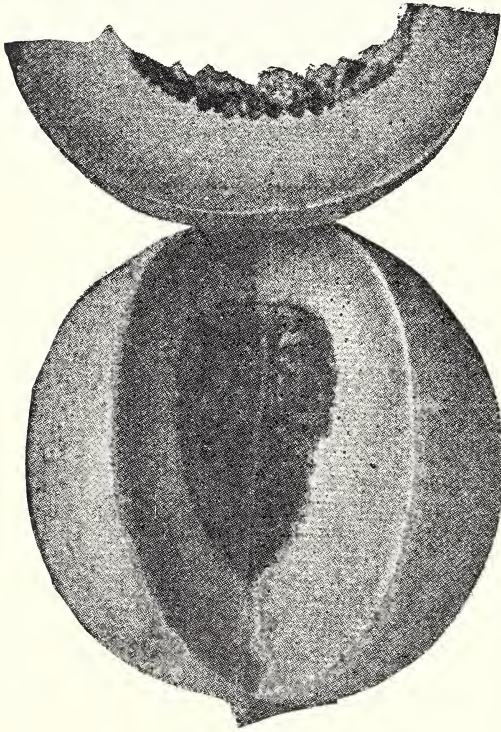
Yellow flesh, suitable for the market .25 .40 1.25

### Rocky Ford.

Very sweet; spicy flavored, small and oblong, most popular sort .25 .45 1.50

### Montreal Market.

A very large green "Nutmeg" type, almost round, heavily netted; thick, luscious flesh; late and especially adapted to cooler climates .25 .40 1.25



HONEY DEW MELON.

Melons thrive best in a moderately enriched live soil; the hills should be six feet apart each way. Previous to planting incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill in May, and when well up, thin out three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerous thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.

## MELON, WATER

### Package 10 Cents

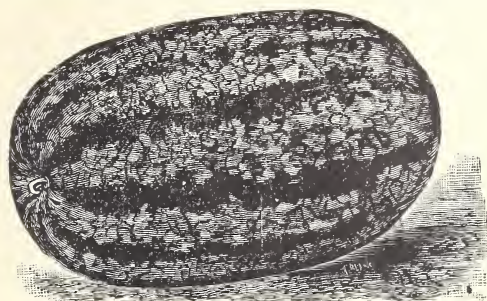
German, Wassermelone; French, Melon d'Eau; Spanish, Zaudia.

	Per oz.	¼ lb.	lb.
<b>Tom Watson.</b> Long and 8 to 10-in. diameter. Thin rind, crisp flesh, fine flavor	.15	.40	1.25
<b>Pride of Georgia.</b> Dark green, oval in shape; crisp and sweet; very large.			
<b>Mountain Sweet.</b> One of the very best for culture; color dark green; and rind thin; flesh scarlet; solid, very sweet and delicious.			
<b>Phinney's Early.</b> Flesh deep red, of a very superior quality; a valuable early market variety			
<b>Ice Cream.</b> (White seeded), fruit of medium size, nearly round; skin pale green; rind thin; flesh scarlet, solid crisp, excellent.			
<b>Kleckley's Sweets.</b> Vines vigorous and productive; fruits are medium to large, oblong, tapering slightly toward the stem end; dark green. The flesh is very bright, rich red and exceedingly sweet, crisp, and tender. Combines earliness, size and quality			
<b>Cole's Early.</b> Early variety suitable for home market, but on account of its thin rind is not a good shipping melon. Medium size, skin dark green with light stripes; flesh, rich, dark red; luscious and sweet.			

## MELON, WATER—Continued.

**Mammoth Iron Clad.** Long and large; thin skin, deep red flesh.....

Per oz. ¼-lb. lb.



IRON CLAD

Citron. (Red seeded),  
round handsome fruit  
of small size and  
used in the making of  
sweetmeats and pre-  
serves .....

.15 .40 1.25

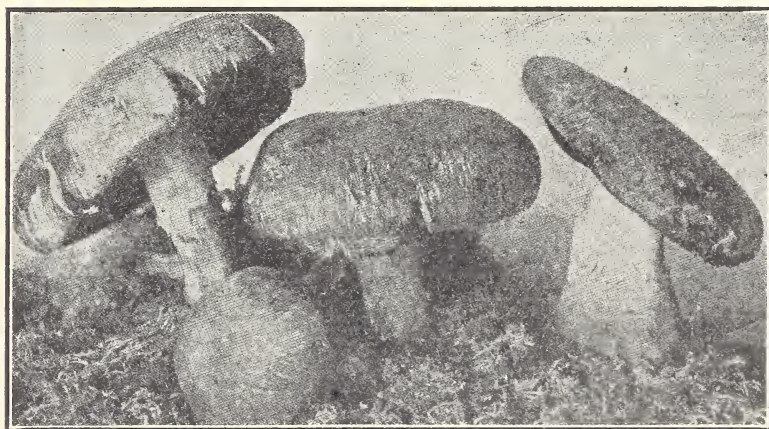
Plant in hills directed for Muskmelons, giving them more room, as their vines extend much farther. If they are wanted of a large size, three or four melons to each plant will be sufficient, and when only one is allowed to grow from each plant they will grow to an immense size.

## MUSHROOMS

German, Chimpignoubrut; French, Champignon; Spanish, Hongo

American Spawn Bricks ..... Per brick, 35c; 10 bricks, \$2.50; 25 bricks, \$5.50

Mushrooms should be grown either in a building especially erected for the purpose or some shed, stable or cellar, where the temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse droppings add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet. The most convenient size is from three to four feet long and eight inches deep.



MUSHROOMS.

Prepare the mixture of loam and manure, making the bed in layers and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way into which put pieces of spawn two or three inches in diameter; fill up the holes with the compact and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Now spread a layer of fresh soil

over the heap to the depth of two inches, firm it down moderately and cover with three or four inches of hay or straw. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees. One brick to each 10 square feet.





**OKRA OR GUMBO**

Package 10 Cents

German, Essbarer Safran; French, Gomo; Spanish, Quibombo.

Per oz. ¼ lb. lb.

**Long Green.** Fine long pods, very good ..... .15 .35 1.00

The pods in a young state are used in soups, sauces and stews, and are very wholesome and nutritious. It is the easiest culture and grows freely, bearing abundantly when grown in ordinary garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart.

**PARSNIPS**

Package 10 Cents

German, Pastinake; French, Panais; Spanish, Chirivia

Per oz. ¼ lb. lb.

**Long Smooth or Hollow Crown.**  
Long roots ..... .15 .40 1.10

They succeed best in a deep rich soil that has been well manured the previous season, as manure freshly applied tends to the production of forked and ill-shaped roots. Sow the seed early in spring in drills eighteen inches apart in the garden, and three feet apart in the field, thin the plants to six inches in the drill.

**PARSLEY**

Package 5 Cents

**LONG GREEN OKRA**

German, Petersilie; French, Persil; Spanish, Perjil.

Per oz. ¼ lb. lb.

**Extra Double Curled.** A fine dwarf variety excellent for garnishing ..... \$0.15 \$0.40 \$1.25  
**Plain Leaves.** Hardier than the curled variety..... .15 .40 1.25  
**Hamburg, or Rooted.** Edible roots..... .15 .40 1.25

Should be sown very early in the spring in beds or in lines, and the seeds which are somewhat slow to vegetate should be previously soaked 24 hours in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seed when about to germinate. As soon as the plants are large enough they should be thinned out so as to stand five or six inches apart.

**PEAS**

Package 10 Cents

German, Erbsen; French, Pois; Spanish Guisantes.

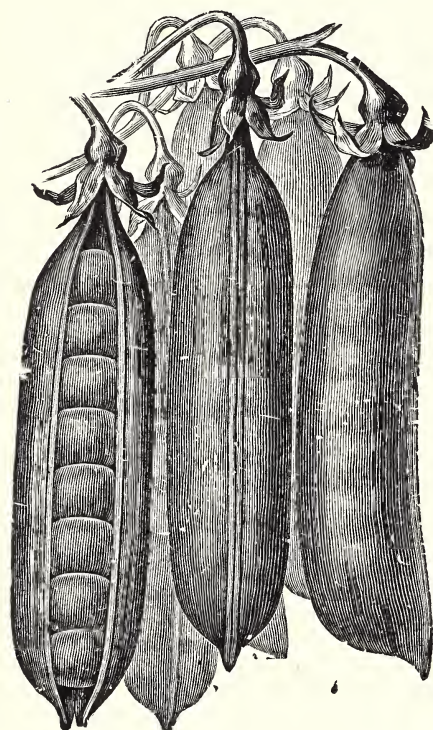
**Extra Early Varieties**

1 lb. 2 lb. 10 lb.

**\*World's Record.** Among early main-crop Peas of medium height, Gradus, or Prosperity, takes first place; happily named, indeed, on account of its high yield and superb flavor. In World's Record these points are more than maintained; the yield is as high and the quality, if anything, is enhanced. The great point in favor of the new sort is its earliness, the period from seed to maturity being less by a week than the standard Gradus ..... .50 .75 3.00  
**Laxtonian.** Dwarf early wrinkled. Very prolific, large pods, height 1½ ft ..... .50 .75 3.00  
**Gradus or Prosperity.** Earliest wrinkled Pea grown. Can be sown early as the round sorts. Large peas and pods, splendid flavor. Requires no sticks, reaching only 36 inches in ordinary good soil. Height, 3 feet... .50 .75 3.00  
**Thomas Laxton.** A cross between Gradus and one of the extra early sorts. Ripens within a day or two of the earliest round varieties; very productive. The pods are large and contain 7 or 8 large, wrinkled Peas of the finest flavor ..... .50 .75 3.00



## PEAS—Continued.



	1 lb.	2 lb.	10 lb
<b>Nott's Excelsior.</b> Extra dwarf wrinkled, pods larger than American Wonder, 1 foot....	\$ .35	\$ .55	\$2.50
<b>Alaska.</b> Earliest of all .....	.35	.65	2.50
<b>First and Best.</b> One of the best extra early Peas. An improved strain of the Extra Early Market, height 2½ feet.....	.35	.65	2.50
<b>Little Gem.</b> A dwarf green wrinkled Market, very prolific, of superior flavor, and a first early, 1½ feet .....	.35	.65	2.50

## SECOND EARLY VARIETIES.

<b>Everbearing.</b> Good size pea, long pods, height 2½ feet.....	.35	.65	2.50
<b>Pride of the Market.</b> Very large pods, green peas, sow thin, height 2 feet .....	.35	.50	2.00
<b>Dwarf Telephone.</b> Same quality and productiveness as Telephone excepting the vines grow 2 feet high, pods are large and filled with immense peas of excellent flavor and sweet .....	.50	.75	3.00

## GENERAL CROP.

<b>Champion of England.</b> A popular wrinkled variety of delicious flavor, profuse bearer. Peas are very large, tender, height 5 feet .....	.35	.65	2.50
<b>Telephone.</b> This is the best pea for general crop, both for home and market use. Immediately productive and of finest quality. Vines very strong, averaging 18 to 20 large pods per stalk, 4 feet. . . . .	.35	.65	2.50
<b>Dwarf, Sugar.</b> Edible pods.....	.35	.65	2.50

When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two or three feet apart according to the variety. When grown in small quantities for private use they are sown in double rows 6 or 8 inches apart, and the rows 3 feet apart, the tall varieties staked up by brush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet

## PEPPER

Package 10 Cents

German, Pfeffer; French, Piment; Spanish, Pimento

**California Wonder.** An exceedingly large and showy variety. It somewhat resembles the Chinese Giant in size and shape, but the walls are much thicker, making the pepper heavier and firmer than any other sort. The flesh is sweet and quite mild. Pkt. 10c, oz. 75c,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.50.



PEPPERS.

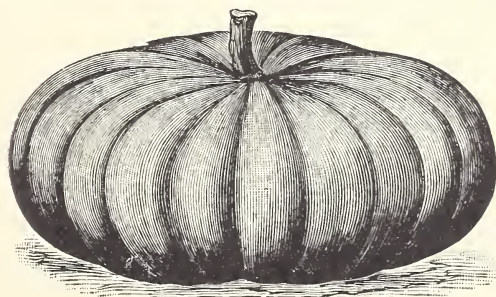
H-Hot—S-Sweet

	Per oz	$\frac{1}{4}$ lb.
<b>Crimson Giant or Ohio Crimson—130 Days.</b> Similar to the Ruby King, but broader, longer and deeper fruited like Chinese Giant, a monster about $4\frac{1}{2}$ inches long by 4 inches wide, but not so large as Chinese Giant. Vines strong, dark, large leaved, very productive in fruit, frequently bear 7 to 8 fruit at once and covered by a succession of smaller fruit. Sold by many as Chinese Giant	.60	1.75
<b>Ruby King. S.</b> Very large; bright red	\$0.60	\$1.75
<b>Large Bell or Bull Nose. S.</b> An early variety of mild flavor	.60	1.75
<b>Sweet Mountain or Mammoth. S.</b> Of large size, best for mangoes	.60	1.75
<b>Chinese Giant. S.</b> Double the size of Ruby King. This is the largest and finest mild Red Pepper. Flesh is thick and unusually mild. Productive bearer	.60	1.75
<b>Long Red Cayenne. H.</b> Used for Pepper sauces; very pungent	.60	1.75
<b>Chili. H.</b> Very piquant and prolific, fruit conical, bright scarlet	.60	1.75
<b>Hot Mango Pepper. H.</b> Very Hot, best for Pepper Sauce and Pickling	.50	1.75
The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled, or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.		

## PUMPKIN

Package 10 Cents

German, Kuerbis; French, Courge;  
Spanish, Calabaz a Tetanera



CHEESE PUMPKIN.

	Per oz.	$\frac{1}{4}$ -lb.	lb.
<b>Calhoun.</b> Flesh wonderfully thick, fine grained	\$0.20	\$0.50	\$1.50
<b>Large Cheese.</b> The best variety, hard and productive	.15	.40	1.25
<b>Connecticut Field.</b> Very productive, largely grown for feeding stock	.15	.30	.75
<b>Mammoth Tours.</b> Grows to an immense size	.15	.45	1.50
<b>Early Sugar.</b> Fruits medium size, of excellent keeping quality. Flesh very sweet	.15	.35	1.25

These are usually in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May; in hills eight feet apart.



**RADISH****5 Cents Package**

German, Retting; French, Radis; Spanish, Robanitos.

Special price to Market Gardeners in quantity lots. Get our Market Gardeners Price List

	Per oz.	¼-lb.	1-lb.
<b>Early Scarlet Globe.</b> The standard market radish. Our strain is unsurpassed for earliness; rich color and uniform shape .....	.15	.40	1.25
<b>Early Scarlet Turnip.</b> The standard variety, of quick growth, mild and crisp when young .....	\$0.15	\$0.40	\$1.25
<b>Early Scarlet Turnip.</b> (Forcing) variety, maturing in three weeks .....	.15	.40	1.25
<b>Early Scarlet Turnip, White tipped.</b> A beautiful new early kind, round in shape; color scarlet, tipped with white, a favorite for market gardeners .	.15	.40	1.25
<b>French Breakfast.</b> Of quick growth, very mild and tender, of oval form; color scarlet, tipped with white .....	.15	.40	1.25
<b>Long Scarlet.</b> One of the leading market kinds. ....	.15	.40	1.25
<b>Rose China Winter.</b> Flesh firm and piquant; excellent for winter use .....	.15	.40	1.25
<b>White Summer Turnip.</b> A summer variety of mild flavor .....	.15	.40	1.25
<b>Black Spanish Winter.</b> Long, one of the hardest and best for winter use ....	.15	.40	1.25
<b>Half Long Black Spanish</b> .....	.15	.40	1.25
<b>Black Spanish.</b> Round .....	.15	.40	1.25
<b>White Strasburg.</b> Very large German sort .....	.15	.40	1.25
<b>Icicle.</b> Long, pure white, suitable for forcing .....	.15	.40	1.25

There are two classes of Radishes, those for Spring and Summer use, which are small and arrive quickly at maturity, and with proper care can be kept all winter. The summer radishes should be used while young and tender; if allowed to grow too long they become tough and stringy; they thrive best in high rich soil. For a successful supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

**RAPE**

<b>Italia Broccoli Rape</b> .....	.40	1.50	1-lb. 4.00
-----------------------------------	-----	------	---------------

**SORREL****10 Cents Package**

	oz.	¼-lb.	1-lb.
<b>Large Leaved French.</b> The best garden variety, having large pale green leaves of fine quality, resembling spinach, only not so broad. Perfectly hardy, can be cut five or six times .....	.15	.50	1.50
<b>Fine Leaved Sorrel.</b> Has an upstanding plant with long slender leaves of medium green; it is more attractive and daintier in appearance than the more commonly known Thick Leaved Sorrel. This can also be planted in the fall for use the following summer .....	.30	1.00	3.00

**SPINACH****5 Cents Package**

German, Spinat; French, Epinard; Spanish, Espinaca

Special price on lots of 5, 10 and 25 lbs.

	Oz.	¼-lb.	1-lb.
<b>Gaudeflay, Broadleaved (New).</b> A new Smoothleaf Spinach which we consider superior to any smoothleaf variety of that type. It grows very quickly and yet stands 7 to 10 days longer than Viroflay and other smoothleaf types. The leaves are very thick and of a tremendous size .....	\$0.15	\$0.40	\$0.75

## SPINACH—Continued

	Per oz.	¼-lb.	lb.
<b>Long Standing, Round Leaved</b> .....	\$0.15	\$0.20	\$0.40
<b>Large Viroflay.</b> A new variety, with leaves much larger and thicker than the old variety .....	.15	.20	.40
<b>Bloomsdale Savoy Leaved.</b> A large, curled, thick leaved variety, the market gardener's favorite .....	.15	.20	.40
<b>Savoy Leaved New Long Standing.</b> In offering this new variety, we do it with confidence that it will prove a favorite among growers who grow the Savoy Leaved. It matures during the same season as Bloomsdale or Norfolk Savoy, but stands about two weeks longer before bolting to seed, which is its feature. The plants are well crumpled and a good deep green color—Valuable for early use .....	.15	.25	.50
<b>Virginia Savoy Yellows or Mosaic Disease Resistant.</b> A variety originated by the Virginia Truck Experiment Station, a cross between Resistant Bloomsdale Savoy and Manchurian. This is a cool weather variety, for winter in the South and fall in the North. The leaves have markedly the Savoy characteristics .....	.15	.35	.75
<b>New Zealand.</b> Produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light rich soil .....	.15	.25	.75
<b>King of Denmark Spinach.</b> Large flat tufts. Early. Good keeper. Will stand 2 to 3 weeks longer than the very best long standing variety .....	.15	.20	.50
<b>New Spinach (Princess Juliana).</b> This is a new type of "Long Season" Spinach. The leaves are of good size, very dark green, well crumpled and thick. The first plants of Spinach to bolt to seed are the male plants. (Spinach is generally dioecious, i. e.; these are male and female plants.) This first bolting seed has been eliminated in this new race by the production of hermaphrodite plants, these plants seeding much later than male plants .....	.10	.20	.50

## SALSIFY, OR OYSTER PLANT

## Package 10 Cents

German, Bocksbart; French, Salsifis; Spanish, Salsifi

## Mammoth Sandwich

Island .....

Island .....

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winter; a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.

## SQUASH—Package 10 Cents

**Giant Yellow Summer Straight Neck.** A selection from the Giant Yellow Summer Crook Neck Squash with all the good qualities of the former and none of its defects. There will be found in the new strain a small percentage that are not Crook Necks or Giant. The squashes are a deep orange color, heavily warted and when mature measure from 15 to 18 inches in length. The flesh is thicker and more meaty in the neck than in the Crook Neck variety. Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. \$1.50.

Per oz. ¼-lb. 1-lb.

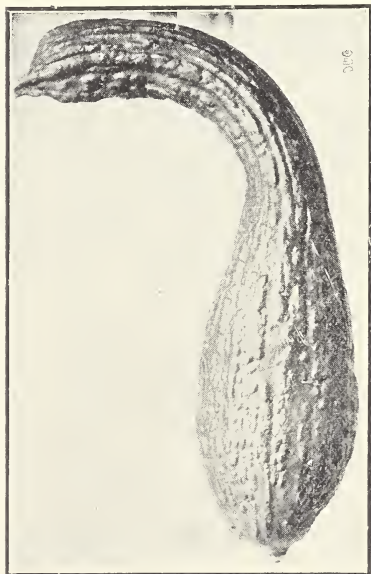
**Mammoth Summer Crookneck.** Twice size of Summer Crookneck .....

**Early Golden Bush Scalloped.** True bush growth producing fruit ready for use early in the summer .....

**Early White Bush Scalloped.** A white variety of the above .....

**Boston Marrow.** A very valuable medium early variety, an excellent keeper and of superior quality .....

**Golden Hubbard.** The best Winter Squash, fine grained, dry, keeps well and is of excellent flavor .....





## SQUASH—Continued.

	Per oz. ¼-lb.		
Mammoth Chili. Grows to a large size, often weighing two hundred pounds.			
Excellent for stock .....	.15	.45	1.50
Vegetable Marrow. A favorite English sort, skin greenish yellow, flesh white, soft and rich flavor .....	.25	.50	1.75
Italian (Cocozella di Napoli) grows 20 inches long with diameter of 3 or 4 in. Green or Marbled Yellow. ....	.25	.50	1.75

Squashes are divided into two classes. Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and flesh are young and tender. The Winter varieties are left on the vines until they are thoroughly ripe, gathered in the Fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hill for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

## SWISS CHARD OR SILVER BEET

5 Cents Package



SWISS CHARD.

**Silver Leaf.** This is a Beet producing leaves only of a quality superior to those of the ordinary Beet, and excellent greens. Cultivate about the same as spinach, by sowing in early spring in drills about a foot apart. Oz., 15c; ¼ lb. 35c; 1 lb. \$1.25.

**Giant Lucullus.** Large, crinkled leaves; tender and of fine flavor; dark green; pure white ribs. Oz., 15c; ¼ lb., 35c; 1 lb., \$1.25.

## TOMATO

10 Cents Package

German, Liebesapfel; French, Tomate;  
Spanish Tomata

Per oz. ¼-lb.

<b>Break O'Day.</b> An early blight resistant Tomato introduced by Dr. Fred J. Pritchard of the United States Department of Agriculture by crossing Marviana and Marglobe. It possesses the smallleaved open spreading type foliage of the Earliana, and produces smooth mealy, globular red fruit similar to the Marglobe but larger .....	Pkt.	60c	2.00	7.50
<b>I. X. L.</b> .....			\$0.50	\$1.25
<b>John Baer.</b> Earliest tomato grown .....			.50	1.25
<b>Earliana, Extra Early.</b> Bright red, smooth. It is claimed to be one of the earliest introduced, very productive. ....			.50	1.25
<b>Favorite.</b> Large, smooth, productive, very solid and of fine flavor. A good shipper .....			.35	1.00
<b>Chalks Early Jewel.</b> Extra early, large, smooth .....			.50	1.25
<b>Trucker's Favorite.</b> Large, smooth and very regular in form, purplish red, solid .....			.50	1.25
<b>Ponderosa.</b> Very large and solid .....			.50	1.75
<b>New Stone.</b> Large and smooth .....			.50	1.25
<b>Livingston's Perfection.</b> Very early, round, smooth, tough skin, brilliant; solid and rich flavor; ripening thoroughly. ....			.50	1.25
<b>Livingston's Beauty.</b> Large dark crimson, thick skin .....			.50	1.25
<b>Dwarf Champion.</b> Resembles Acme, early .....			.50	1.25
<b>Acme.</b> A beautiful variety. Fruit of medium size, form perfect and very smooth. Ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a tomato .....			.50	1.25
<b>Matchless.</b> Extra large, smooth and handsome; bright red; very solid. Plant of vigorous growth and prolific .....			.50	1.25
<b>Bonny Best.</b> Early tomato, large, smooth, uniform .....			.35	1.00
<b>Marglobe.</b> A new variety developed by the United States Department of Agriculture. Is very wilt resistant and is resistant to nail head rust. Fruit resembles Livingston's Globe but is scarlet and the flesh more solid. Vine dark green and vigorous .....			.75	2.00

## TOMATO—Continued

	Per oz.
<b>Yellow Plum.</b> Used principally for pickling.....	.50
<b>Red Pear Shape.</b> Used principally for preserving and pickling .....	.50



EARLIANA TOMATO

The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about **two inches** high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set in the open ground, at a distance of three to four feet apart in hills in which a good shovelful of rotted manure has been mixed.

## TURNIP

10 Cents Package

German, Rube; French, Navet; Spanish, Nabo.

	Per oz.	¼-lb.	lb.
<b>Early White Flat Dutch.</b> An early garden variety of medium variety size..	.15	.35	.85
<b>Red Top Strap Leaf.</b> This and the preceding are the best two kinds for Spring sowing and for garden culture.....	.15	.35	.85
<b>Red Top White Globe.</b> Very desirable, extensively grown for market ....	.15	.35	.85
<b>White Egg.</b> A new variety, beautifully shaped; excellent table turnip ....	.15	.35	.85
<b>Yellow Globe.</b> One of the best for general crop, either for table use or stock	.15	.35	.85
<b>Yellow Stone.</b> A good globe-shaped turnip, similar to the above .....	.15	.35	.85
<b>Golden Ball.</b> A table Turnip of quick growth, and unsurpassed quality ....	.15	.35	.85
<b>Long White or Cow Horn.</b> One of the best field Turnips, flesh fine grained	.15	.35	.85
<b>Seven Top.</b> Tops used for Greens.....	.15	.35	.85

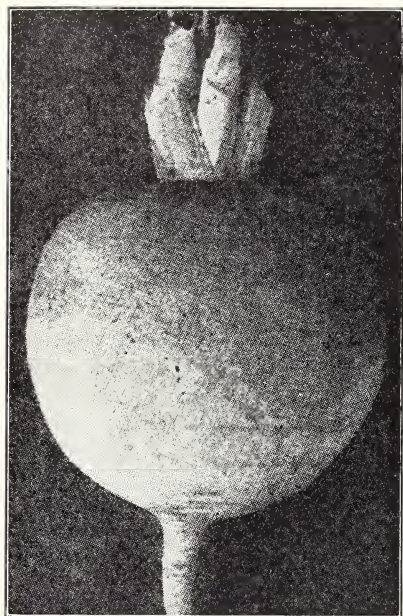


## TURNIPS—Continued

### RUTA BAGAS

**American Improved Purple Top.** The leading variety, of fine quality, valuable both for the table and for feeding stock.

oz.	¼-lb.	lb.
.15	.35	.90



AM. IMP. PURPLE TOP RUTA  
BAGA TURNIP

For spring crop commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots the depth of an inch or more and give them a light dressing, of wood ashes. This is the surest mode of obtaining fair and smooth Spring Turnips in old gardens where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crops, sow from middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.

## HERB SEEDS

Herbs are valuable for culinary and medicinal purposes, but they do not always receive the attention which they deserve. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up.

	Pkg.	Oz.
<b>Anise</b> ( <i>Pimpinella anisum</i> ), an annual, cultivated for its seeds and its leaves, which are used for garnishing and for seasoning.....	\$0.10	\$0.25
<b>Basil, Sweet</b> ( <i>Ocimum basilicum</i> ). This is a tender annual, cultivated for its leaves, which are much used for flavoring soups and sauces .....	.10	.35
<b>Borage</b> ( <i>Borago officinalis</i> ), hardy annual, sometimes used as a pot herb, and also for garnishing, but chiefly for claret cup and other cooling drinks. Bees are very partial to the flowers .....	.10	.35
<b>Caraway</b> ( <i>Carum cauri</i> ), hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavor to liquors.....	.10	.25
<b>Coriander</b> ( <i>Coriandrum salivum</i> ), an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine .....	.10	.25
<b>Dill</b> ( <i>Anethum graveolens</i> ), annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten their flavor. Medicinally they are good for flatulence and colic in infants, ¼-lb., .50; 1 lb., 1.25 .....	.10	.25
<b>Sweet Fennel</b> ( <i>Anethum foeniculum</i> ), hardy perennial, leaves used for garnishing, and in the preparation of various fish sauces. Tall small foliage resembling dill. 1 lb. \$1.75 .....	.10	.25
<b>Florence Fennel.</b> An excellent salad plant and is also boiled. The flavor is somewhat spicy. Low growing. ¼-lb., 60c; 1 lb., 1.75 .....	.10	.35
<b>Horehound</b> ( <i>Marrubium vulgare</i> ), hardy perennial .....	.10	.45
<b>Lavender</b> ( <i>Lavandula spica</i> ), a popular aromatic herb .....	\$0.10	\$0.30
<b>Marjorum, Sweet</b> ( <i>Origanum Majorana</i> ), for seasoning .....	.10	.50
<b>Rosemary</b> ( <i>Rosmarinus officinalis</i> ), an aromatic herb .....	.10	.50
<b>Rue</b> ( <i>Ruta graveolens</i> ), used for medicinal purposes, also frequently given to fowls for the roup .....	.10	.60
<b>Sage</b> ( <i>Salvia officinalis</i> ), much used for flavoring articles of cookery. It is also possessed of medicinal virtues. Tea made from its leaves is a soporific; causing profuse perspiration.....	.10	.50
<b>Summer Savory</b> ( <i>Satureia hortensis</i> ), annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups ....	.10	.35
<b>Thyme, Broad Leaved English</b> , hardy perennial. Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for nervous headaches .....	.10	.50

# GENERAL LIST OF FLOWER SEEDS

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

**Annuals** grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

**Hardy Annuals** are those which can be sown in the open ground.

**Half-Hardy Annuals** are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

**Biennials** grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

**Hardy Biennials** will winter in the open ground without protection.

**Perennials** grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

**Half-Hardy Biennials** require the protection of a cold frame or cool house during winter.

**Hardy Perennials** can remain in the open ground during winter without protection.

**Half-Hardy Perennials** require the protection of a cold frame or cool house during the Winter.

**Tender or Greenhouse Perennials** require window or greenhouse culture, free from frost during Winter and thrive in the garden during the warm months.

## EXPLANATION OF FLOWER SEED ABBREVIATIONS

H.A.	designates	Hardy Annuals
H.H.A.	"	Half-Hardy Annuals
H.B.	"	Hardy Biennials
H.H.B.	"	Half-Hardy Biennials
H.P.	"	Hardy Perennials

H.H.P.	designates	Half-Hardy Perennials
H.C.	"	Hardy Climber
G.P.	"	Greenhouse Plant
H.A.C.	"	Hardy Annual Climber

	Pkt.	ALYSSUM—Continued	Pkt.
<b>ABRONIA umbellata.</b> H.A. Trailing annual, pink flower trusses. 9 in. 1/4 oz. 25c. .10		<b>Benthami Compactum, Little Dorrit.</b> White flowers on strictly upright flower spikes. 6 in. 1/4 oz. 35c. .10	
<b>ACHILLEA ptarmica, "The Pearl."</b> H.P. Double white flowers. 1-16 oz. \$1.00 .25		<b>procumbens</b> (Carpet of Snow). Dwarf; pure white. 4 in. 1/4 oz. 50c. .10	
<b>ACONITUM napellus.</b> H.P. Dark blue flowers in August. 1/4 oz. \$1.00 .15		<b>saxatile compactum.</b> H.P. Spring blooming Alyssum with yellow flowers. 12 in. 1/4 oz. 75c. .15	
<b>ACROCLINIUM, Double Finest Mixed Colors.</b> H.A. Pretty everlasting flowers; fine for Winter bouquets. 1 ft. 1/4 oz. 20c. .10		<b>AMARANTHUS.</b> H.A. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden.	
<b>AGERATUM.</b> H.A. Blooms throughout the Summer; feathery flowers in clusters.		<b>caudatus</b> (Love-lies-bleeding). Long drooping crimson spikes. 3 ft. 1/4 oz. 35c. .10	
<b>anatum "Blue Ball."</b> Compact, ball shaped plants, of unusual uniformity. 6 in. 1/8 oz. 50c. .15		<b>cruentus</b> (Prince's feather). Dark red feathery flowers. 3 ft. 1/4 oz. 35c. .10	
<b>Little Dorrit Blue.</b> Flowers bright blue. 6 in. 1/8 oz. 30c. .10		<b>tricolor</b> (Joseph's Coat). Leaves red, yellow and green. 2 ft. 1/4 oz. 50c. .10	
<b>Little Dorrit White.</b> Pretty for contrast. 6 in. 1/8 oz. 30c. .10		<b>Molten Fire.</b> Leaves dark bronze, center poinsettia red dwarf, beautiful. 1 1/2 ft. 1-16 oz. \$1.00 .25	
<b>Purple Star.</b> Extra dwarf, purple. 6 in. 1/8 oz. \$1.00 .25		<b>AMPELOPSIS Veitchii</b> (Japanese Woodbine, or Boston Ivy). H.C. 1/4 oz. 40c. .10	
<b>Little Blue Star.</b> Light blue; fine for bedding. 6 in. 1-16 oz. \$1.00 .25		<b>ANCHUSA capensis.</b> H.A. Flowers resembling large Forget-me-nots. 18 in. 1/4 oz. 75c. .10	
<b>AGROSTEMMA coelirosa</b> (Rose of Heaven). H.A. Bright rose, excellent for cutting. 18 in. 1/4 oz. 35c. .10		<b>grandiflora</b> (Dropmore Variety). H.P. Large flowered, dark blue. 5 ft. 1/8 oz. 50c. .15	
<b>coronaria</b> (Rose Campion). H.P. Crimson flowers, silver foliage. 2 ft. 1/4 oz. 35c. .10		<b>ANEMONE coronaria.</b> "St. Brigid." H.P. A very pleasing perennial producing large flowers. 12 in. 1/8 oz. 50c. .15	
<b>ALYSSUM.</b> H.A. Pretty little plants for beds, vases, baskets, edgings or rock work; blooms profusely all Summer.		<b>ANTHEMIS Kelwayi.</b> H.P. Yellow flowers. 3 ft. 1/4 oz. 75c. .15	
<b>maritimum</b> (Sweet Alyssum). Fragrant, white; flowers all Summer. 6 in. 1/8 oz. 50c. .10		<b>ANTIRRHINUM Maximum, New Giant Flowered.</b> H.H.B. This new class of	
<b>Benthami Compactum, Lilac Queen.</b> Pure lilac flowers, dwarf and compact growth. 6 in. 1/4 oz. 35c. .10			



**ANTIRRHINUM—Continued**

Pkt.

Antirrhinums is attracting much admiration and well deserves it. The flowers are of extraordinary size and entirely distinct from anything what has been produced in Antirrhinums so far. In order to obtain best results plants should be staked. Three foot.

**Cerberus.** Rich carmine red..... $\frac{1}{4}$  oz. 75c. .15

**Gotelind.** Bright orange..... $\frac{1}{4}$  oz. 75c. .15

**Purple King.** Rich purple..... $\frac{1}{4}$  oz. 75c. .15

**Canary Bird.** Pure soft canary yellow.  
..... $\frac{1}{4}$  oz. 75c. .15

**Defiance.** Scarlet..... $\frac{1}{4}$  oz. 75c. .15

**Fascination.** Deep flesh pink..... $\frac{1}{4}$  oz. 75c. .15

**Snowflake.** Lovely pure white with yellowish throat..... $\frac{1}{4}$  oz. 75c. .15

**Copper King.** Coppery scarlet turning into a pure copper color..... $\frac{1}{4}$  oz. 75c. .15

**Wallflowered Colored.** Rich Mahogany red..... $\frac{1}{4}$  oz. 75c. .15

**AQUILEGIA (Columbine).** H.P. Fine free flowering, hardy border plant—one of the most desirable perennials. Seed may be planted in the open ground early in Spring and will in some varieties bloom in the same season. Best results, however, are obtained by planting in August for the next season's blooming.

**Long spurred Imperial Hybrids.** A grand variety of colors of the long spurred and large-flowered forms. 3 ft.  
.....1-16 oz. \$1.00 .25

**chrysantha** (golden spurred). Long spur red golden yellow. 2 ft..... $\frac{1}{8}$  oz. 75c. .25

**coerulea** (Rocky Mountain Columbine). Large flowers, violet blue and white. 2 ft..... $\frac{1}{4}$  oz. 75c. .25

**Jaetschaui** (Rare). Very large yellow with red spurrs. 3 ft.....1-16 oz. \$1.00 .25

**ARABIS Alpina.** H.P. Excellent for borders or rock work. Pure white. 6 in.  
..... $\frac{1}{4}$  oz. 50c. .15

**ARCTOTIS grandis.** H.A. Daisy-like flowers; white shaded blue. 2 ft..... $\frac{1}{4}$  oz. 50c. .15

**ASTERS**

Plants from seed sown in the open ground in May bloom finely in September and October, when the flowers are seen at their best. For July and August flowers sow in March or April, in coldframe, spent hotbed, or pots and boxes in the house. Cover the seeds about half an inch deep with rich light soil, and when the plants have three or four leaves, transplant about 18 inches apart each way into well prepared beds.

**GIANTS OF CALIFORNIA.** An improved form of Crego with flowers 6 inches across, packed with broad petals. 2 ft. .... $\frac{1}{4}$  Oz. Pkt.

**Dark Purple** .....\$1.25 \$0.15

**Peach Blossom** .....1.25 .15

**Light Blue** .....1.25 .15

**Light Purple** .....1.25 .15

**White** .....1.25 .15

**Finest Mixed** .....1.00 .15

**WALDERSEE MULTIFLORA.**

Mixed ..... .15

**GIANT BRANCHING** (American or Vick's Branching). Flowers large, double and fine form. Branching and robust habit.

Fine for cutting. 2½ to 3 ft. .... $\frac{1}{4}$  Oz.

**Crimson** .....1.00 .10

**White Yellow** .....1.00 .10

**Shell Pink** .....1.00 .10

**Lavender** .....1.00 .10

**Mixed** .....1.00 .10

**VARIOUS ASTERS.**

Pkt.

**King** (Needled type). Upright growth: large flowers, long narrow petals. 2 ft. Finest mixed..... $\frac{1}{4}$  oz. \$1.00 .15

**Sunshine Twisted** and quilled petals. Fine for cutting, as the flowers last a long time after. 2 ft. Finest mixed.  
..... $\frac{1}{4}$  oz. \$1.00 .15

**Early Wonder** (Express). Extra early, flowers quite double, good size on stiff stems. 16 in..... $\frac{1}{4}$  oz. \$1.25 .15

**Sensation.** The reddest of all red asters, ox-blood or garnet. Free branching. Very double. Borne freely on extra long stems. 1½ ft..... $\frac{1}{4}$  oz. \$1.25 .15

**Waldersee Multiflora mixed** ..... .25

**Alpinus longepetale** (Perennial Aster, or Michaelmas Daisy). H.P. Star-like, fall flowering, purple and lavender flowers with large yellow center. 1 ft.  
..... $\frac{1}{8}$  oz. \$1.00 .15

**AUBRIETIA hybrida grandiflora.** H.P. Suitable for rock work and herbaceous borders. Mixed colors. 6 in..... .25

**AURICULA, Finest Mixed.** H.P. Flowers resemble the polyanthus rose primrose. Many lovely shades of yellows, garnets, and purples with lighter centers. 6 in..... .25

**BACHELOR BUTTONS.** (See *Centaurea Cyanus*)

**BALLOON VINE.** H.H.C. White flowers, followed by balloon-like seed pods. 10 ft. .... .10

**BALSAM Double Camellia Flowered mixed.** (Lady Slipper). H.A. Showy easily grown annual. 1½ ft..... $\frac{1}{4}$  oz. 50c. .10

**BEAN (Scarlet Runner).** H.A.C. A rapid climber, profuse red flowers. 10 ft. .... .10

**BELLIS perennis fl. pl.** (Double English Daisy). H.P. Spring-flowering. perennial. 6 in.

**Longfellow,** dark rose..... $\frac{1}{8}$  oz. \$1.00 .25

**Snowball,** Pure White..... $\frac{1}{8}$  oz. \$1.00 .25

**monstroza gigantea.** These surpass all strains of this popular plant in strong robust growth and in the abundance of extra large, perfectly double flowers.

**Alba.** Giant white.....1-16 oz. \$1.00 .25

**Rosea.** Giant rose.....1-16 oz. \$1.00 .25

**Etna.** Giant flowered red quilled .....1-16 oz. \$1.00 .25

**Mixed** .....1-16 oz. \$1.00 .25

**BLUE LACE FLOWERS** (See *Didiscus caerulea*).

**BROWALLIA Elata mixed.** H. A. Profuse blooming annual, highly prized for cutting, bright blue flowers. 2 ft. .... .25

	Pkt.		Pkt.
<b>BUTTERFLY FLOWER</b> (See <i>Schizanthus</i> ).		<b>CANTERBURY BELLS.</b> H.B. (See <i>Campanula media</i> ).	
<b>CALCEOLARIA</b> <i>hybrida grandiflora</i> "James Strain." G.P. Highly prized plants for conservatory and house decoration	.75	<b>CARDINAL CLIMBER.</b> H.A.C. (See <i>Ipomoea cardinalis</i> ).	
<b>CALENDULA</b> (Pot Marigold). H.A. Free and continuous flowering garden plants. 12 in.		<b>CARNATION.</b> Chabauds Perpetual Flow- ering. H.H.P. A distinct strain of Carnation, with very large flowers of the finest texture. Blooms within six months from seed and continues to bloom throughout the Summer. The plants are robust, erect growing habit and produce a large number of flower- ing stalks. 18 in.	
<b>Campfire.</b> (Sensation). The best orange with red sheen and yellow center. 1/4 oz. \$1.00	.25	<b>Jeanne Dionis.</b> Pure white. 1/8 oz. \$1.25	.15
<b>Radio.</b> Flowers very full, petals quilled; rich glowing orange color 1/4 oz. 75c.	.15	<b>Marie Chaband.</b> Yellow. 1/8 oz. \$1.25	.15
<b>Ball's Improved.</b> Extra double, bright orange, free flowering. 1/4 oz. \$1.00	.25	<b>Rose Queen.</b> Rosy Pink. 1/8 oz. \$1.25	.15
<b>Lemon Queen.</b> Sulphur yellow. 1/4 oz. 75c.	.10	<b>Nero.</b> Crimson. 1/8 oz. \$1.25	.15
<b>Mammoth Orange</b> 1/4 oz. 75c.	.10	<b>Marguerite.</b> H.H.P. Flowers, large and fragrant 1/8 oz. 75c.	.10
<b>CALLIOPSIS.</b> H.A. Nothing is more ef- fective than a bed of these golden flow- ers.		<b>Grenadine Double Scarlet.</b> Very early flowering. 1 ft. 1/4 oz. \$1.00	.15
<b>Radiata</b> (Golden Ray). Pure yellow flowers, very large and showy. 10 in. 1/4 oz. 50c.	.10	<b>Finest Double Mixed Border.</b> Gives a slight mulch. 1 ft. 1/4 oz. \$1.00	.15
<b>bicolor nana purpurea</b> (Crimson King). Deep bright scarlet. 1 ft. 1/4 oz. 50c.	.10	<b>Early Dwarf Vienna.</b> Double Mixed. 1 ft. 1/4 oz. 75c.	.10
<b>CAMPANULAS.</b> H.P. All the campanulas can be grown in ordinary gardens and will flower from seed the following year.		<b>CASTER BEANS.</b> (See <i>Rhynchus</i> ).	
<b>carpatia.</b> Deep blue; for rockeries, beds and edgings. 6 in. 1/4 oz. 50c.	.10	<b>CELOSIA Cristata.</b> (Cockscomb). H.H.A. Popular annual of easy culture pro- ducing Cockscomb like heads.	
<b>carpatia alba.</b> Flowers white. 1/4 oz. 50c.	.10	<b>Glasgow Prize.</b> Large, deep crimson. 12 in. 1/8 oz. \$1.00	.15
<b>pyramidalis.</b> (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers. 4 ft. 1/4 oz. \$1.00	.10	<b>Fire King.</b> Fiery red. 1/8 oz. \$1.00	.15
<b>pyramidalis alba.</b> Pure white. 4 ft. 1/4 oz. \$1.00	.10	<b>Dwarf.</b> Mixed colors, extra fine strain. 9 in. 1/4 oz. \$1.00	.10
<b>persicifolia coerulea blue</b> (Peach Bells). Fine hardy bell over. 1 1/2 ft. 1/8 oz. 75c.	.15	<b>CELOSIA Childsi.</b> (Chinese Wool Flow- er). A variety of feathered Celosia with large globular flowers like balls of wool. 2 ft. 1/8 oz. 50c.	.15
<b>longistyle.</b> Fine perennial rock plant. Blue violet	.25	<b>CELOSIA plumosa.</b> (Ostrich Plume). H.H.A. Producing large, graceful plumes, makes fine plants for large beds or groups, and the flowers or plumes can be dried for Winter bou- quets. 3 ft.	
<b>Media.</b> H.B. (Canterbury Bells). Old- fashioned hardy biennials; splendid for borders or naturalizing in the wild garden. 2 ft.		<b>Triumph of the Exposition.</b> Bronze col- ored foliage. Feathery plumes of crim- son. 24 in. 1/4 oz. 75c.	.15
<b>Single Mixed</b> 1/4 oz. 50c.	.10	<b>Pride of Castle Gould.</b> Immense flower heads. Colors are blood red, carmine, yellow, orange, golden, orange, scarlet in mixture. Branching habit. 2 ft. 1/8 oz. \$1.00	.25
<b>Double Mixed</b> 1/4 oz. 75c.	.15	<b>CENTAUREA. candidissima.</b> H.A. Round compact plants, white leaves broadly cut. 12 in. 1/8 oz. 75c.	.10
<b>Calycanthemum</b> (Cup and Saucer). A splen- did variety with large semi-double resembling a cup and saucer. Fine for cut flowers and border use. 2 ft. Mixed 1/4 oz. \$1.00	.15	<b>CENTAUREA. montana.</b> H.P. (Hardy Cornflower). Large flowers of deep blue, very showy. 2 ft. 1/8 oz. 35c.	.10
<b>CANARY BIRD VINE.</b> H.A.C. Pretty climber, with yellow butterfly-like flowers. 10 ft. oz. 50c.	.10	<b>suaveolens</b> (Yellow Sweet Sultan). An outstanding variety with fine soft yel- low flowers on long stems. For out- door or conservatory use it is unsur- passed. 18 in. 1/4 oz. 50c.	.10
<b>CANDYTUFT.</b> H.A. Showy plants, much grown in masses for bedding and edg- ings.		<b>CENTAUREA. cyanus.</b> (Bachelor Button, Cornflower, Blue Bottle or Ragged Sail- or). H.A. This is one of the most popular annuals; will grow in the poorest soil, either on seashore or mountain. 18 inches.	
<b>coronaria.</b> "Little Prince." Very large heads of pure white flowers. 6 in. 1/4 oz. 50c.	.10		
<b>coronaria Giant Hyacinth-flowered.</b> Se- lect. Pure white, from 10 to 12 im- mense spikes on a single plant. 12 in. 1/4 oz. 50c.	.10		
<b>odorata</b> (pectinata). Sweet scented. 10 in. 1/2 oz. 35c.	.10		
<b>sempervirens.</b> H.P. White flowers. 12 in. 1/8 oz. \$1.00	.25		
<b>gibbaltaria.</b> H.P. Beautiful bluish- white. 12 in. 1/4 oz. \$1.25	.15		



CENTAUREA—Continued			Pkt.		Pkt.
<b>Double Blue</b> (Florist's Strain). Fine for cutting.....	¼ oz. 75c.	.10	<b>COBAEA scandens</b> . H.A.C. Tender climber, large, bell-shaped blue flower. 20 ft.....	¼ oz. 30c.	.10
<b>Nana compacta Victoria</b> . Dwarf. 1 ft. ¼ oz. 25c.		.10	<b>COCKSCOMB</b> ..... (See <i>Celosia cristata</i> ).		
<b>Finest Mixed Double</b> .....	¼ oz. 25c.	.10	<b>COLEUS</b> . <i>hybridus</i> . G.P. Richly colored foliage plants. Finest mixed.....	¼ oz. \$1.25	.25
<b>CENTAUREA imperialis</b> . Giant Imperial Sweet Sultan. H.H.A. Fine for massing in borders and are unsurpassed for cut flower purposes. They also respond to indoor culture and provide a long succession of bloom for Winter decoration. 32 in.			<b>COLUMBINE</b> . (See <i>Aquilegia</i> ).		
<b>Favorita Rose</b> . Bright rose.....	¼ oz. 50c.	.10	<b>CONVOLVULUS</b> , or <b>Morning Glories</b> . (See also <i>Ipomoea</i> ). H.A.C. Deservedly very popular, as they are of the most free-flowering and rapid growing plants in cultivation, thriving in almost any situation.		
<b>Grazioza</b> . Lilac.....	¼ oz. 50c.	.10	<b>major</b> . Mixed colors. Climbers of rapid growth. 30 ft.....	oz. 30c.	.10
<b>Splendens</b> . Dark purple.....	¼ oz. 50c.	.10	<b>minor</b> , or <b>Bush Morning Glories</b> . Mixed colors. 12 in.....	oz. 30c.	.10
<b>CERASTIUM tomentosum</b> . (Snow-in-Summer). H.P. A dwarf, white-leaved edging plant with small white flowers. Good rock plant. 6 in.....	½ oz. 75c.	.10	<b>COREOPSIS</b> . H.P. Long stemmed, large, single flowers. 2 ft. Fine cut flower.		
<b>CHEIRANTHUS allioni</b> (Alpine Wallflower). H.H.P. Excellent for rocky or border; brilliant orange flowers. 9 in. Very fragrant.....	¼ oz. \$1.00	.25	<b>Grandiflora</b> . Large flowers of rich yellow.....	¼ oz. 35c.	.10
<b>linifolius</b> . This charming lilac Wallflower is seldom out of flower. Valuable for hardy borders and rock gardens. 1 ft.....		.25	<b>grandiflora fl. pl.</b> An improved type with large double flowers of deep yellow.....		.50
<b>CHRYSANTHEMUM carinatum</b> double hybrids. H.A. Showy, hardy annuals of easiest cultivation, blooming from July until frost. 1 to 1½ ft.....	¼ oz. 50c.	.10	<b>CORNFLOWER</b> . (See <i>Centaurea cyanus</i> ).		
<b>leucanthemum hybridum</b> (Shasta Daisy), pure white, early flowering spring marguerite. 1½ ft.....	¼ oz. 50c.	.10	<b>COSMOS</b> . H.A. This is one of our most useful and beautiful autumn flowers. To get it in bloom early, seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted. 5 ft.		
<b>maximum</b> . "The Speaker." Very large snow white flowers. Free flowering. 1½ ft.....	½ oz. 75c.	.20	<b>Double-crested, Early-flowering</b> . Semi-double flowers in great profusion. 5 ft. Mixed colors.....	¼ oz. \$1.50	.25
<b>CINERARIA hybrida</b> . G.P. One of the most gorgeous colored flowering plants for either greenhouse or conservatory. Seeds should be sown in July, August or September.			<b>Extra Early Giant-flowering</b> . Flowers 4 to 5 in. across. 4 ft.		
<b>multiflora nana</b> (Berlin Market strain). Very dwarf and compact. Flowers of large size, a good pot plant. Mixed colors. 9 in.....		.50	<b>Crimson</b> .....	¼ oz. 60c.	.10
<b>multiflora grandiflora maxima</b> . This new Hybrid is a cross between <i>multiflora nana</i> and <i>grandiflora</i> ; flowers extra large, measuring 2 to 3 inches in diameter and produced in quantities of 100 blooms and over to a plant; mixed colors.....		.50	<b>Pink</b> .....	¼ oz. 60c.	.10
<b>CINERARIA maritima candidissima</b> . H.H.P. A whiteleaved "Dusty Miller" used for edging. 1 ft.....	¼ oz. 35c.	.10	<b>White</b> .....	¼ oz. 60c.	.10
<b>CLARKIA</b> . H.A. This pretty and easily grown annual does well either in sun or shade. 2 ft.			<b>Mixed</b> .....	¼ oz. 60c.	.10
<b>Brilliant</b> . Double salmon-scarlet flowers.....	¼ oz. 50c.	.10	<b>Hollywood Star</b> . An odd and striking star shaped flower with red, pink and white flowers on long stems.....	¼ oz. \$1.50	.10
<b>Chieftain</b> . Extra double mauve.....	¼ oz. 50c.	.0	<b>Early Express Pink</b> . Flower seven weeks from seed. 4 ft.....	¼ oz. 60c.	.20
<b>Apple Blossom</b> . Soft pink.....	¼ oz. 50c.	.10	<b>COWSLIP</b> . Mixed ( <i>Primula Veris</i> ). H. P. A spring-flowering plant. Beautiful colors, rich brown, crimson and yellow 6 in.....		.25
<b>White</b> .....	¼ oz. 50c.	.10	<b>CYNOGLOSSUM amabile</b> . H.A. Beautiful rich blue, sweet-scented flowers. Fine for cutting. 18 in.....	¼ oz. \$1.00	.25
<b>Double Mixed</b> .....	¼ oz. 50c.	.10	<b>CYPRESS VINE</b> . H.A.C. A fast growing annual vine, with feathery, dark-green foliage and star-like flowers. 10 ft.		
<b>CLEOME gigantea</b> (Giant Spiderflower). H.A. Bright rosy-crimson flowers; adapted for large beds or borders. 3½ ft.....	¼ oz. 50c.	.10	<b>Bright Scarlet</b> .....	¼ oz. 25c.	.10
			<b>Finest Mixed</b> .....	¼ oz. 25c.	.10
			<b>CYCLAMEN</b> . G.P. <b>Giant Show</b> . Seed should be sown from August until January. The seeds we offer are grown by Binnewies in Europe, who, we believe, has the finest strain for exhibition plants. Best colors, original sealed packages.....	100 seeds \$2.75	.50
			<b>DAHLIA</b> . H.H.P. This popular flower can be easily raised from seed, flowering the same season. Seed should be sown early in gentle heat. 4 to 6 ft.		
			<b>Coltness Gem Scarlet</b> (New) dwarf single. A very profusely bloomer.....		.50

DAHLIA—Continued		Pkt.		Pkt.
<b>Cactus Hybrids.</b> Extra double (New). A high percentage of true cactus form.		.50		
<b>DAISY, Double.</b> (See <i>Bellis Perennis</i> ).				
<b>DAISY, Single.</b> (See <i>Chrysanthemums</i> ).				
<b>DELPHINIUM</b> (Larkspur). H.P. Delphiniums are hardy and can be grown in any garden. They are handsome plants for the herbaceous border and shrubby and are splendid for cut flower use.				
<b>Wrexham or Hollyhock Hybrids.</b> Experts regard this strain as quite the finest in cultivation. It is conspicuous for its massive, broadbased spires of large individual flowers which are compactly arranged about the stems. The shades of blues and mauves are of exquisite clarity. 4 to 6 ft.		2.00	1/8 oz. \$5.00	
<b>Belladonna, Fanny Stormouth.</b> Light blue flowers.		.50		
<b>Blue Butterfly.</b> Long spikes of azure blue flowers. 3 ft.		.25	1/8 oz. \$1.00	
<b>Formosum.</b> Loose spike flowers about a foot long, deep blue.		.25	1/8 oz. \$1.00	
<b>Sulphureum.</b> (zallil). Yellow, orchid-like flowers. 6 ft.		2.00		
<b>Selecta Double.</b> A very choice strain. Very large flowering.		2.00		
<b>Mixed.</b> A mixture of perennial varieties.		.15	1/4 oz. 50c.	
<b>DIANTHUS</b> (Chinese or Indian Pinks). H.H.A. These, although biennials, bloom the first season and should be treated as hardy annuals. They flower early in Summer and continue until frost. They are excellent for small beds or edgings, flowering profusely and in great variety of colors. 12 in.				
<b>laciniatus, "Lucifer." fl. pl.</b> (Double Annual Pink). Double red. 12 in. fringed.		.15	1/4 oz. \$1.00	
<b>plumarius nanus fl. pl.</b> Double early flowering hardy garden "Pinks." 10 in. fringed.		.25	1/8 oz. \$1.00	
<b>Semperflorens.</b> (Florists' Perpetual Pinks). 16 in.		.25	1/8 oz. \$1.00	
<b>DIDISCUS. Caerulea</b> (Blue Lace Flower). H.A. An attractive annual blooming from July until frost. Pale lavender flowers. 18 in.		.15	1/8 oz. 50c.	
<b>DIGITALIS or FOXGLOVE.</b> H.P. Producing long spikes of tubular flowers. Used extensively with good effect for naturalizing in shrubberies and half shady places.				
<b>monstrosa, Mixed.</b> Very large flowers. 3 ft.		.15	1/4 oz. 50c.	
<b>The Shirley.</b> (New). Very large flowered spotted, mixed. 4 ft.		.15	1/4 oz. \$1.00	
<b>gloxiniiflora.</b> Finest spotted varieties, mixed.		.10	1/4 oz. 35c.	
<b>DIMORPHORTHECA. New Hybrids.</b> H.A. Daisy-like blossoms of a rich orange color, dark disc surrounded by black zone. 1 1/2 ft.		.15	1/4 oz. 50c.	
<b>DOLICHOS or HYACINTH BEAN.</b> H.A.C. Annual climbers with clusters of bean-like flowers. Mixed. 10 ft.		.10	Oz. 40c.	
<b>ECHINO CYSTIS lobata</b> (Wild or California Cucumber). H.A.C. The fastest growing annual vine in existence; twenty feet in six weeks. Pretty foliage and inconspicuous white flowers.		.10	oz. 50c.	
<b>ESCHSCHOLZIA OR CALIFORNIA POP.</b> PY. H.A. Very attractive annuals for beds, edgings, masses, profuse blooming, fine cut, glaucous foliage blooms from June until frost. 1 ft.				
<b>california. Orange King.</b> Bright yellow.		.10	1/4 oz. 30c.	
<b>carminea.</b> (Rose Cardinal). A distinct color.		.10	1/4 oz. 30c.	
<b>Toreador.</b> Double orange carmine with golden bronze.		.20	1/8 oz. 75c.	
<b>Vesuvius.</b> Bright scarlet.		.10	1/4 oz. 35c.	
<b>maritima. Golden West.</b> Large flowers of deep yellow shade.		.10	1/4 oz. 30c.	
<b>GAILLARDIA.</b> H.A. Showy garden annuals they flower uninterruptedly from early Summer until frost. The flowers are of large size and afford charming tints in their color. 2 ft.				
<b>Portola Hybrids.</b> Varied shades of red-tipped golden. Long, stiff stems.		.25	1/8 oz. \$1.00	
<b>Shirley.</b> A large flower with strong upright stems.		.10	1/4 oz. 35c.	
<b>Tangerine.</b> Medium size flower. Graceful in appearance and a fine cut-flower.		.10	1/4 oz. 35c.	
<b>GENTIANA acaulis.</b> H.P. Deep blue flowers. Suit to moist shady situations. 5 in.		.10	1/4 oz. 75c.	
<b>GERBERA Jamesoni Hybrids.</b> H.H.P. (The Transvaal Daisy). H.H.A. Fine for cut flowers of bouquets. 18 in.		.25	100 seeds \$1.00	
<b>GEUM.</b> H.P. Showy hardy perennial of easy culture, and well adapted for the garden; fine for cutting. 2 ft.				
<b>Mrs. Bradshaw.</b> Double-orange scarlet flowers, very large and full.		.25	1/8 oz. 75c.	
<b>Lady Stratheden.</b> Double yellow flowers.		.25	1/8 oz. \$1.00	
<b>GLOBE-AMARANTH ( GOMPHRENA ).</b> (See <i>Everlasting Flowers</i> ).				
<b>GOURDS.</b> H.A.C. Thrifty annual climbers, bearing "Ornamental Gourds."				
<b>Hercules Club.</b> Enormous fruit, often 4 ft. long, thicker at the base.		.10	oz. 50c.	
<b>Mock Orange</b> or Orange-shaped.		.10	oz. 50c.	
<b>Dipper</b> or Siphon, for dippers or wrens' nest.		.10	oz. 40c.	
<b>Nest Egg.</b> Fruit white, resembles eggs.		.10	oz. 40c.	
<b>GRASSES ORNAMENTAL.</b> A most valuable class of plants for the lawn, shrub bed or tropical bed. The perennial varieties, many of which have variegated foliage are excellent. The annual sorts are particularly pretty on account of the graceful, feathery flower panicles.				
<b>Briza maxima.</b> (Quaking Grass). H.A. Elegant panicles; excellent for bouquets and dried flowers. 1 ft.		.10		
<b>Bromus Brizaeformis.</b> H.A. Broom grass, drooping panicles. 2 ft.		.10		



**GRASSES ORNAMENTAL.**—Continued

- Coix Lachrymae.** (Job's Tears). H.A. Foliage quite broad. Seeds prominent, very large and shiny. 3 ft. .10
- Stipa Pennata.** (Feather Grass). H.P. Silvery-white feathery plumes. Flowers the second season. 2 ft. .10
- Mixed.** All hardy annuals. .10

**EUPHORBIA.** Strong growing annuals, suitable for beds of tall-growing plants or mixed borders. The foliage is exceedingly ornamental. Sow outdoors in April.

**Variegata (Snow-on-the-Mountain).** Elegant, bushy plants, with broad green leaves, veined and margined with white. Attractive in foliage groups. Height 2 ft. ¼ oz. 35c. .10

**Heterophylla (Annual Poinsettia; Mexican Fire-Plant).** An annual, bushy plant, with highly ornamental leaves, which in Summer and Autumn become dark fiery scarlet. Height 2 ft. to 3 ft. ¼ oz. 50c. .10

**EVERLASTING FLOWERS.** The Straw Flower (*Helichrysum*) is perhaps better known than the other sorts listed, but all are fully as interesting for giving variety to dried winter bouquets. These make fine gifts from your own garden to your friends. The drying is a simple operation: cut before fully expanded, bunch like sweet peas, and hang on a line upside down in a cool, dark, dry room. It takes ten days. Sow seed indoors in March; outdoors in May, in a sunny spot.

**Acroclinium, Mixed.** H.A. Pretty white and rose, daisy-like flowers, so desirable for Winter bouquets. Height 1 ft. ¼ oz. 20c. .10

**Globe Amaranth, Mixed (Gomphrena).** H.A. Flowers of white, pink, rose, and purple, like heads of clover, but are Straw Flowers. Height 1 ft. ¼ oz. 35c. .10

**Helichrysum monstrosum, mixed (Straw Flower).** H.A. Height 2 ft. ¼ oz. 25c. .10

**Physalis (Chinese Lantern Plant) Fanchetii.** H.P. Hardy perennial forming dense bushes about 2 feet high, producing bright orange-scarlet lantern-like fruits. May be had in flower first year from seed if seed is sown early; the fruits are often displayed in florist shops and are very interesting, and of splendid decorative value ¼ oz. 50c. .15

**Rhodanthe, mixed.** H.A. Neat, slender plants with silvery leaves and dainty lavender, pink, and white flowers like inverted cones. 1 ft. ¼ oz. 35c. .10

**Statice (Sea Lavender) Latifolia.** H. P. The cloud-like masses of flowers of the branching varieties make borders gay for a long time, while their delicate coloring and light, graceful habit are a great help to helichrysums and other everlasting flowers. Hardy perennial, purplish blue flowers ¼ oz. 50c. .10

**EVERLASTING FLOWERS.**—Continued Pkt.

**Xeranthemum annuum, mixed.** H.A. Showy rose, purple and white daisy-like flowers with an outer corolla and a cup in the center. ¼ oz. 50c. .10

**FEVERFEW.** See *Matricaria*

**FORGET-ME-NOT.** See *Myosotis*

**FOUNTAIN PLANT.** See *Amaranthus*

**FOUR O'CLOCK.** *Marvel of Peru.* This is another good old-fashioned annual flower of bushy habit, bearing hundreds of white, yellow crimson and violet flowers during the season. Very charming when used as a hedge plant, with its glossy foliage very closely set and dotted all over with flowers in the afternoon. Height 2 ft. Sow seed outdoors in April in a bright sunny location.

**Fine Mixed** Oz. 50c. .10

**FOXGLOVE.** See *Digitalis*.

**GYSOPHILA.** (*Baby's Breath*). H.A. Extremely useful for bouquets. Flowers small and come in delicate sprays and panicles.

**elegans Covent Garden.** An improved large flowering pure white form of "Elegans." 1½ ft. Oz. 50c. .10

**elegans mixed.** 1½ ft. Oz. 50c. .10

**paniculata.** H.P. One of the finest for cutting. Pure white flowers, very small and borne in large panicles. 2 ft. ¼ oz. 50c. .10

**paniculata flore pleno.** H.A. A double flowering variety, pure white. 2 ft. .25

**HELIANTHUS.** (See **SUNFLOWER**).

**HELICHRYSUM.** (See **EVERLASTING FLOWERS**).

**HESPERIS.** (See **SWEET ROCKET**).

**HIBISCUS africanus.** H.P. 4 to 6 inch bowl-like flowers. Yellow with black center. 1½ ft. ¼ oz. 25c. .10

**HOLLYHOCKS.** H.P. One of the showiest of hardy garden plants. No garden is complete without these stately flowers. Hollyhocks are troubled of late with a rust which can be prevented if plants are sprayed frequently in early Spring with Bordeaux Mixture.

**Charter's Prize Extra Double Lilac.**

**crimson** ⅞ oz. 50c. .15

**cherry** ⅞ oz. 50c. .15

**rosa** ⅞ oz. 50c. .15

**lilac, purple eye** ⅞ oz. 50c. .15

**sulphur-yellow** ⅞ oz. 50c. .15

**Hybrids.** Everblooming annual, mixed ¼ oz. 40c. .15

**Double Begonia.** Flowered mixed 1.00

**HUMULUS JAPONICUS** (*Japanese Hop*).

H.A.C. A climber with dense green foliage. 20 ft. ¼ oz. 35c. .10

**HUNNEMANNIA fumariaefolia.** (*Giant Yellow Tulip Poppy*). H.A. Flowers

are tulip-shaped, pure golden yellow. When cut and put in water they will last a week. 2 ft. ¼ oz. 30c. .10

**HYACINTH BEAN.** (See **DOLICHOS**).

**ICE PLANT.** (*Mesembryanthemum Crystallinum*). H.H.A. A dwarf trailing annual plant; flowers white; singular icy foliage; ideal rock plant. 6 in. ¼ oz. 35c. .10

<b>IPOMOEA (Morning Glory).</b> (See Also <b>CONVOLVULUS</b> ). H.A.C. Climbers of rapid growth with beautiful and varied flowers; for covering walls, treises, arbors or stumps of trees, they are invaluable. 20 ft.			
<b>Cardinalis.</b> (Cardinal Climber). A rapid growing annual, with deep cardinal red flowers and lacinated foliage			
<b>grandiflora mexicana.</b> (Moon Flower). Large heart-shaped leaves and large pure white flowers, which open late in the evening. 30 to 40 ft.	1/4 oz. 50c.	.10	
<b>Imperial Japanese Mixed.</b> A great improvement over the old fashioned "Morning Glory."	1/4 oz. 35c.	.10	
<b>Quamoclit.</b> (See <b>CYPRESS VINE</b> ).	Oz. 50c.	.10	
<b>IRIS.</b> H.P. (Flowering Flag). Blooms second year from seed. 1 1/2 ft.			
<b>Kaempferi</b> (Japanese Iris). The seeds we offer have been saved from an unrivalled collection and should produce varieties only of the highest merit.			
Mixed colors	1/4 oz. 35c.	.10	
<b>Siberica Snow Queen</b>	Oz. 50c.	.10	
<b>IVY Kenilworth.</b> H.H.P. Neat trailler for rock gardens. Small snapdragon like flowers. Attractive foliage.			
<b>Boston Ivy.</b> (See <b>AMPELOPSIS</b> ).			
<b>JOSEPH'S COAT.</b> (See <b>AMARANTHUS</b> ).			
<b>KOCHIA, tricophylla</b> (Belevedere. Summer Cypress, or Mexican Fir Bush). H.A. Grow in a perfect pyramidal shaped cypress bush, with small feathery light green foliage. Becomes a lovely crimson hue about September. 2 1/2 ft.	1/4 oz. 50c.	.10	
<b>KUDZU VINE.</b> (Pueraria Thunbergiana). H.P. A splendid climber for covering permanent verandas, dead trees, etc. Large green foliage and pea-shaped flowers	1/4 oz. 50c.	.10	
<b>LANTANA. Bruants Dwarf Hybrids.</b> Mixed. G.P. One of the most desirable greenhouse or bedding plants; constantly in bloom. 2 ft.	1/4 oz. 50c.	.15	
<b>LATHYRUS latifolius.</b> Perennial Sweet Peas. H.P. Hardy perennial, fine for cutting. 6 ft.			
<b>White Pearl.</b> A large flowering robust growing variety of the above.	1/4 oz. \$1.00	.15	
<b>Pink Pearl.</b> Rosy Pink	1/4 oz. 50c.	.15	
<b>rubra.</b> Red	1/4 oz. 50c.	.10	
<b>Finest Mixed.</b> All colors	1/4 oz. 30c.	.15	
<b>LARKSPUR.</b> H.A. Elegant and ornamental plants, producing in great variety of form, some of the most beautiful flowers in cultivation.			
<b>tall stock-flowering double.</b> Plants branch freely, bearing long spikes of beautiful double flowers. 2 1/2 ft.			
<b>Los Angeles.</b> (New). Rich salmon overlaid with brilliant rose	1/8 oz. \$1.00	.25	
<b>Exquisite Rose.</b> (New). Rose pink of the new delphinium form	1/8 oz. \$1.00	.25	
<b>Exquisite Pink.</b> Soft rose pink	1/4 oz. \$1.00	.25	
<b>La France.</b> Lovely salmon pink.	1/8 oz. \$1.00	.25	
<b>Pkt. LARKSPUR—Continued</b>			<b>Pkt.</b>
lustrous carmine	1/4 oz. 25c.	.10	
rosy scarlet	1/4 oz. 25c.	.10	
mixed	Oz. 75c.	.10	
<b>LEMON VERBENA.</b> (See <b>VERBENNA</b> ).			
<b>LINARIA cymbalaria.</b> (See <b>KENILWORTH IVY</b> ).			
<b>LINUM.</b> H.A. Free flowering plants for borders.			
<b>grandiflora rubrum.</b> Single scarlet flowers. 1 ft.	1/4 oz. 25c.	.10	
<b>perenne.</b> H.R. A lovely plant with blue flowers. 1 1/2 ft.	1/4 oz. 35c.	.10	
<b>LOBELIA.</b> H.H.A. Bushy plants with pendant branches; very profuse flowering. Fine for baskets or edging borders. 6 in.			
<b>erinus Barnard's perpetual.</b> Deep blue with white eye	1/8 oz. \$1.00		
<b>cardinalis hybrids "Queen Victoria."</b> (Cardinal Flower). Dark-leaved with spikes of brilliant scarlet flowers. Fine border plant		.50	
<b>LOVE-LIES-BLEEDING.</b> (See <b>AMARANTHUS</b> ).			
<b>LOVE-IN-A-MIST.</b> (See <b>NIGELLIA</b> ).			
<b>LUPINUS.</b> Free flowering plants with long spike flowers. The Annual and Perennial varieties are among the most useful of our garden flowers, either for mixed borders or house decorations. 2 ft.			
<b>Hartwegii Dwarf.</b> (New). A Tom Thumb mixture of the Hartwegii type. Blue, pink, lilac in diverse shades; also white	1/8 oz. 30c.	.15	
<b>polyphyllus "Blue King."</b> Lovely intense blue with very long and elegant spikes.	1/4 oz. \$1.00	.50	
<b>Dower's Hybrids.</b> Special strain of hardy lupines. Flowers are large with an exceptional fine range of color.	1/4 oz. 50c.	.15	
<b>LYCHNIS Arkwrighti.</b> H.P. A hybrid of "Chalcedonica" and "Haageana." Large brilliant flowers. Color from orange; scarlet to soft salmon-pink	1/8 oz. 75c.	.15	
<b>chalcedonica.</b> (Rose Champion). Fine scarlet cross-like flowers. 18 in.	1/4 oz. 50c.	.15	
<b>MARIGOLDS.</b> H.A. The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniform large yellow or orange-colored flowers and well adapted for large beds or mixed borders. The latter are dwarfer in growth, with beautiful striped flowers, and are better suited for bedding purposes and pot culture.			
<b>African Varieties.</b> Showy Flowers. 3 ft.			
<b>Orange Ball.</b> Extra double, deep golden orange	1/4 oz. 60c.	.15	
<b>Lemon Queen.</b> Extra double, soft lemon yellow	1/4 oz. 60c.	.15	
<b>Delight of the Garden.</b> (Indian Yellow). Superb light lemon	1/4 oz. 50c.	.15	
<b>Pride of the Garden.</b> Dwarf, double quilled gold	1/4 oz. 50c.	.15	
<b>Mixed</b>	1/4 oz. 30c.	.10	



MARIGOLDS—Continued	Pkt.		Pkt.
<b>French Varieties.</b> Small flowers. 1 ft.		<b>MYOSOTIS or FORGET-ME-NOTS. H.H.P.</b>	
<b>Gold Striped.</b> Double, golden yellow		Fine for edging or in beds. See may	
flowers, each petal striped with rich		be sown any time from Spring until	
mahogany-red..... $\frac{1}{4}$ oz. 50c.	.15	Midsummer. 9 in.	
<b>Lilliput.</b> Double, rich brown, narrow		<b>alpestris royal blue.</b> Early and free	
thread-like edge of yellow..... $\frac{1}{4}$ oz. 50c.	.15	flowering; color deep indigo blue. Fine	
<b>Golden Ball.</b> Pure gold yellow, good		for borders or cutting..... $\frac{1}{8}$ oz. \$1.00	.25
size flowers..... $\frac{1}{4}$ oz. 50c.	.15	<b>palustris semperflorens.</b> The true water	
<b>Mixed.</b> Dwarf double..... $\frac{1}{4}$ oz. 30c.	.10	Forget-Me-Not. Blooms from early	
<b>Single Brown Gold Edge.</b> Flowers		Spring until Autumn. Dark blue.	
golden yellow marked with velvety		$\frac{1}{4}$ oz. \$1.00	.25
brown. Compact bush. 9 in..... $\frac{1}{4}$ oz. 50c.	.15	<b>dissitiflora.</b> Blooms very early; blow-	
<b>MARVEL OF PERU</b> (Four O'Clocks).		ers blue..... $\frac{1}{8}$ oz. \$1.00	.25
H.A. A well-known, handsome, free		<b>Ruth Fischer.</b> Compact growth; blue	
flowering garden favorite; does well		flowers.....	.50
everywhere. Mixed. 2 ft.....Oz. 50c.	.15	<b>Victoria.</b> The plants are of dwarf, com-	
<b>MATRICARIA capensis fl. pl.</b> (Feverfew).		compact growth, with a multitude of bright	
H.H.P. Low growing plants for beds		blue flowers in dense umbels..... $\frac{1}{4}$ oz. \$1.00	.15
and edgings, dwarf double white. 12		<b>NASTURTIIUM</b> ( <i>Tropaeolum nanum</i> ).	
in..... $\frac{1}{4}$ oz. 50c.	.10	H.A. <b>Tom Thumb or Dwarf Varieties.</b>	
<b>MECONOPSIS Baileyi.</b> A beautiful new		These have a compact habit and attrac-	
perennial originally found in Thibet in		tive foliage; bloom in two months from	
1913. It bears an irregular cyme of		sowing, and most profusely the whole	
nodding flowers of a glorious shade of		season. 12 inches.	
sky-blue, a ring of golden anthers adds		<b>Queen of Tom Thumbs.</b> Variegated	
to the beauty of the bloom.....	1.00	leaved, Choicest mixed.....Oz.	.15
<b>MESEMBRYANTHEMUM crystallinum.</b>		<b>Self Colored, Extra Fine Mixed.</b> This	
(See ICE PLANT).		mixture is composed exclusively from	
<b>MIGNONETTE.</b> H.A. The popular frag-		self colored sorts (no spotted or speck-	
rant garden annual. The seed can		led) and has the advantage of letting	
be sown at any time, and if successive		the variety of colors come out more	
sowing are made its fragrant, modest		effectively. A very showy mixture Oz.	.15
colored flowers may be gathered out-		<b>NASTURTIIUM</b> ( <i>Tropaeolum majus</i> ).	
doors until November. 12 in.		H.A.C. <b>Tall or Climbing Varieties.</b>	
<b>Sweet-scented.</b> ( <i>Reseda odorata grandiflora</i> ).		Adapted for rockwork, banks, covering	
The large flowering garden		trellises or rustic work; the seeds, if	
variety.....Oz. 50c.	.10	picked young, are an excellent substi-	
<b>Allan's Defiance.</b> Under favorable con-		tute for capers. 6 ft.	
ditions its spikes will be from 12 to 15		<b>Lobb's Queen.</b> Mixed. Variegated leaved	
inches long. Florets are of remarkable		with very distinct and pretty colors,	
size. An extraordinary keeper. A		hybrids, ideal for window-boxes.....Oz.	.25
good winter forcer..... $\frac{1}{4}$ oz. 35c.	.10	<b>Choice Mixture.</b> First quality, extra Oz.	.15
<b>Goliath Red.</b> Extra large spikes of bril-		<b>NEMESIA. strumosa grandiflora suttoni.</b>	
liant red color, extra fine, true.		H.A. Splendid for bedding or forcing	
$\frac{1}{4}$ oz. 50c.	.10	in greenhouse. Mixed colors. Bushy	
<b>Goliath Yellow.</b> Grows very compact,		plants; flowers of unique form. 12 in.	
with very large heavy golden yellow		1-16 oz. \$1.00	.25
spikes, beautiful.....1-16 oz. \$1.00	.50	<b>NICOTIANA affinis.</b> H.A. Fragrant, star-	
<b>MIMOSA pudica</b> (Sensitive Plant). H.H.A.		shaped white flowers. 3 ft..... $\frac{1}{4}$ oz. 35c.	.10
An interesting plant with rosy-lilac		<b>affinis Hybrids.</b> Large scented flowers,	
flowers. The leaves close when touch-		mixed shades..... $\frac{1}{4}$ oz. 50c.	.10
ed. 12 in..... $\frac{1}{4}$ oz. 50c.	.10	<b>NIGELLA</b> (Love-in-a-mist). H.A. Beau-	
<b>MIMULUS.</b> Showy, half-hardy annuals,		tiful border plants. 18 inches.	
with handsome flowers; excellent for		<b>Miss Jekyll.</b> A lovely variety with corn-	
pots or garden. 6 in.		flower-blue blossoms; splendid for cut-	
<b>tigrinus.</b> Spotted, mixed.....	.15	ting. Very double, beautiful..... $\frac{1}{4}$ oz. 35c.	.10
<b>moschatus</b> (Muskplant). Fragrant, for		<b>hispanica,</b> blue..... $\frac{1}{4}$ oz. 35c.	.10
pots.....1-16 oz. \$1.00	.15	<b>OENOTHERA</b> (Evening Primrose). La-	
<b>MIRABILIS.</b> (See Marvel of Peru).		marckiana. H.A. Yellow, useful for	
<b>MOMORDICA.</b> H.A.C. Trailing plants,		sunny position, blooming the entire	
with curious foliage and fruit.		Summer. 12 in.....	.10
<b>balsamina</b> (Balsam-apple). Orange fruit.		<b>PANSY.</b> H.H.P. The most popular flower	
$\frac{1}{4}$ oz. 25c.	.10	grown. They thrive best in a cool,	
<b>charantia</b> (Balsam-pear). Copper col-		most, but well-drained soil. Sow the	
ored scarlet fruit..... $\frac{1}{4}$ oz. 25c.	.10	seeds in April and May for Summer	
<b>MOONFLOWERS.</b> (See IPOMOEA and		flowering and August for early flowers	
CONVOLVULUS.)		the following Spring. Our mixtures	
<b>MUSK.</b> (See Mimulus).		contain a large variety of colors.	

**PANSY**—Continued

- Roggi Giant.** (Swiss Pansy) (New)  
Flowers of enormous size and with overlapping petals; many brilliant colors and shades, making a wonderful combination, excellent for greenhouse culture.
- Lake of Thun.** A solid blue pansy with dark blue blotches..... $\frac{1}{8}$  oz. \$3.75 .50
- Cardinal shades**..... $\frac{1}{8}$  oz. \$3.75 .50
- Golden Yellow**..... $\frac{1}{8}$  oz. \$3.75 .50
- Mixed**—Rare and effective colors.  
..... $\frac{1}{8}$  oz. \$3.75 .50

**Triumph of the Giants Mixed.** Immense flowers of great brilliancy and richness of colors, including many new and rare shades..... $\frac{1}{8}$  oz. \$2.00 .50

**Himalis.** Winter or Ice flowering pansies are especially suited for early plant sales showing flowers at least two weeks sooner than the other strains of pansy.

**Helios.** Pure golden yellow..... $\frac{1}{4}$  oz. \$1.00 .10

**Winter Sun.** Golden yellow with dark eye..... $\frac{1}{4}$  oz. \$1.00 .10

**Rubro-violacea.** Reddish violet shades.  
..... $\frac{1}{4}$  oz. \$1.00 .10

**Mixed**..... $\frac{1}{4}$  oz. \$1.00 .10

**PAPAYER.** (See **POPPIES**).

**PASSIFLORA caerulea** (Passion Flower).  
H.H.C. Fast growing and free flowering, ornamental perennial climbers, with large, showy blue flowers, suitable for conservatory or outside in Summer..... $\frac{1}{4}$  oz. 75c. .15

**PENTSTEMON gentianoides**, new giant flowered. H.P. Highly useful and attractive hardy perennials, and much used in the hardy border. 2 ft.  
..... $\frac{1}{8}$  oz. \$1.50 .15

**PETUNIA HYBRIDA.** H.A. One of our easiest cultivated and freest flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost. 18 inches.

**Howard's Star.** Bright purple, white star..... $\frac{1}{4}$  oz. \$1.00 .15

**General Dodds.** Velvety blood-red..... $\frac{1}{4}$  oz. \$1.00 .15

**nana compacta Alderman.** Deep violet.  
..... $\frac{1}{8}$  oz. \$1.00 .25

**nana compacta Norma.** Blue with white star, compact habit, very showy.  
..... $\frac{1}{8}$  oz. \$1.00 .25

**nana compacta Rosy Morn.** Soft carmine pink..... $\frac{1}{4}$  oz. \$1.00 .15

**pendula, Balcony Petunia, Elk's Pride.** Deep violet..... $\frac{1}{8}$  oz. \$1.50 .25

**Grandiflora Fimbriata.** Giant flowered ruffled and fringed, extra fine mixture..... $\frac{1}{8}$  oz. \$1.50 .25

**Grandiflora fl. pl.** Extra choice, double mixed..... $\frac{1}{8}$  oz. \$1.50 .50

**PHLOX drummondii grandiflora.** H.A. Improved, large-flowering strain of this famous garden annual. Prefers a light, rich loam in sun or semi-shade. Seed may be sown in the open ground any time after danger from frost is past. 12 in.

**PHLOX**—Continued

- atropurpurea**, (Warrior) dark purple..... $\frac{1}{4}$  oz. 75c. .15
- brilliant**, rose with dark eye..... $\frac{1}{4}$  oz. 75c. .15
- brilliantrose** (cinnabarina - carminea)..... $\frac{1}{4}$  oz. 75c. .15
- coccinea**, fiery red..... $\frac{1}{4}$  oz. 75c. .15
- carnea**, flesh..... $\frac{1}{4}$  oz. 75c. .15
- mixed**..... $\frac{1}{4}$  oz. 50c. .15
- stellata splendens.** Star-like crimson.  
..... $\frac{1}{4}$  oz. 75c. .15

**PHLOX, Large-flowering, Dwarf Varieties.**

- Effective for beds or borders. 6 inches.
- nana compacta, Fireball.** Bright red.  
..... $\frac{1}{8}$  oz. \$1.00 .15
- nana compacta, Snowball.** Compact, pure white..... $\frac{1}{8}$  oz. \$1.00 .15
- nana compacta, Mixed Colors.** Star-shaped flowers..... $\frac{1}{8}$  oz. \$1.00 .15

**PHYSALIS francheti** (Chinese Lantern). (See **Everlasting Flowers**).**PINKS.** (See **Dianthus**).

**POPPIES.** Showy, free blooming, old-fashioned flowers. Very effective in mixed borders.

**Single Annual Varieties.** 12 in.

- glaucum** (The Scarlet Tulip Poppy).  
..... $\frac{1}{4}$  oz. 35c. .10
- Admiral**, pure white edged scarlet..... $\frac{1}{4}$  oz. 35c. .10
- Flanders Field**, bright red..... $\frac{1}{4}$  oz. 35c. .10
- American Legion Shirley.** Brilliant orange-scarlet, yellow anthers. Should be grown extensively for Poppy Day.  
..... $\frac{1}{4}$  oz. 35c. .10

**Double Annual Varieties.**

- Carnation-flowered.** Mixed colors.  
..... $\frac{1}{4}$  oz. 35c. .10
- Paeony-flowered.** Mixed colors.  
..... $\frac{1}{4}$  oz. 35c. .10
- Dazzler**, Brilliant orange scarlet.  
..... $\frac{1}{4}$  oz. 35c. .10
- Mikado.** White, edged scarlet.  
..... $\frac{1}{4}$  oz. 35c. .10

**Iceland Poppies.** H.P. White, these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts.

**Tangerine.** Large flowered bright scarlet..... $\frac{1}{4}$  oz. 35c. .10

**Sunbeam.** Improved strain, robust growth. Colors white, lemon, yellow and orange scarlet..... $\frac{1}{4}$  oz. 35c. .15

**Oriental Poppies.** H.P. Always popular in any perennial bed. The seed should be sown in early Spring in open ground.

**Orientele.** "Brilliant." Bright Red.  
..... $\frac{1}{4}$  oz. 50c. .15

**Princess Victoria Louise.** Salmon red (Varies)..... $\frac{1}{4}$  oz. 50c. .15

**Excelsior Mixed**..... $\frac{1}{4}$  oz. 35c. .15

**PORTULACA.** H.A. One of the freest flowering dwarf annuals, especially adapted for sunny locations. Flowers of the most brilliant colors. 6 in.

- double.** In splendid mixture, first quality..... $\frac{1}{4}$  oz. 50c. .10
- single.** Mixed all colors..... $\frac{1}{4}$  oz. 35c. .10



	Pkt.		Pkt.
<b>PRIMULA sinensis fimbriata</b> (Chinese Primrose). G.P. <b>Double Mixed</b> . 100 seeds.....\$1.00		<b>SALVIA</b> (Flowering Sage). H.A. One of our most handsome Summer and Autumn flowering plants, growing into compact bushes 2 to 3 ft. high and literally ablaze with brilliant flowers.	
<b>single extra choice mixed</b> , Covent Garden Strain.....	.50	<b>splendens, Glory of Stuttgart</b> . Tall, scarlet..... $\frac{1}{4}$ oz. \$1.00	.10
<b>Giant Flowered</b> . A grand advance over the <i>Sinensis fimbriata</i> . Flowers very large and solid.....	.50	<b>compacta America or Globe of Fire</b> . The earliest freest and most continuous bloomer..... $\frac{1}{8}$ oz. \$1.00	.25
<b>Coral Red</b> , shaded salmon, new and distinct.....	.50	<b>PRIMUS. Extra early flowering</b> . Blooms about four weeks earlier than the earliest varieties. Dwarf compact grower. Blooms freely, bright vermilion scarlet.....	.25
<b>Excelsior Mixed</b> .....	.50	<b>Farinacea</b> . H.P. Grown also as an annual, light blue flowers, long spikes, makes a good blue line. $2\frac{1}{2}$ ft. $\frac{1}{4}$ oz. 75c.	.10
<b>Stellata</b> (Star Primula). For cut blooms they are unexcelled and for pot culture they are much more robust in habit and produce many more flowers than the <i>Primula sinensis fimbriata</i> varieties. A choice mixture of eleven varieties.....	.50	<b>SAPONARIA (Bouncing Bet). Oeumoides</b> . H.P. Very showy rock plant, producing masses of small bright rose flowers during the Summer months. 9 inches. $\frac{1}{4}$ oz. 40c.	.10
<b>obconica grandiflora gigantea "Eureka."</b> <i>Sinensis</i> well above foliage on stout stems. Rich rosy carmine, shaded serise, a clear yellow.		<b>SCABIOSA or MOURNING BRIDE</b> . H.A. One of our best Summer flowering annuals. The rich and beautiful colored flowers are very handsome and excellent for cutting; profuse bloomer. June to October. $2\frac{1}{2}$ ft.	
<b>"Rivoirei Kermesinia."</b> Carine red.....	.50	<b>Large-flowering Tall Double Varieties</b> .	
<b>Chenei Giant Hybrids</b> , very large flowered strain.....	.50	<b>Azure Fairy</b> , rich, soft blue $\frac{1}{4}$ oz. 40c.	.10
<b>Mueller and Mohnstein</b> . Shades of crimson and rose.....	.50	<b>Cherry Red</b> ..... $\frac{1}{4}$ oz. 40c.	.10
<b>malacoides. Pink Beauty</b> . Rosy pink shading to mauve.....	.50	<b>Black Prince</b> , deep purple black. $\frac{1}{4}$ oz. 40c.	.10
<b>Kewensis</b> . Verbena-Scented yellow primrose. 1 ft.....	.50	<b>Peach Blossom</b> . A beautiful shade of peach blossom pink, of large size and long stems, an excellent cut flower.	
<b>Japonica</b> . H.P. (Japanese Primrose). Mixed colors.....	.50	<b>Shasta, pure white</b> ..... $\frac{1}{4}$ oz. 40c.	.10
<b>vulgaris Hybrids</b> . H.P. English yellow Primrose hybrids).....	.25	<b>Sulphur Yellow</b> ..... $\frac{1}{4}$ oz. 40c.	.10
<b>veris</b> (cowslip) mixed.....	.10	<b>Finest Mixed</b> ..... $\frac{1}{4}$ oz. 40c.	.10
<b>PYRETHRUM. H.H.P.</b> Fine for edging and borders. 6 in.		<b>Caucasica—House's New Hybrids</b> . Edges ruffled and fringed, light lavender colors to dark blue..... $\frac{1}{4}$ oz. \$1.50	.25
<b>aureum Golden Feather</b> . Bright yellow foliage..... $\frac{1}{4}$ oz. 50c.	.10	<b>SCHIZANTHUS. (Butterfly flower). Hybridus grandiflorus</b> . H.H.A. Beautiful and showy, erect growing, hardy annuals for house or garden; very flowering, continuing through the Summer and Autumn. $1\frac{1}{2}$ ft. mixed colors..... $\frac{1}{4}$ oz. 35c.	.10
<b>hybridum. fl. pl. Double</b> . H.P. Large Daisy-like or Cosmos flowers; blooms in early Summer and late Fall. 18 in..... $\frac{1}{8}$ oz. \$2.00	.25	<b>SENSITIVE PLANT. (See MIMOSA pudica).</b>	
<b>RHODANTHE (See EVERLASTING FLOWERS).</b>		<b>SILENE (Catchfly) America</b> . H.A. Mixed colors..... $\frac{1}{4}$ oz. 35c.	.10
<b>RICINUS. Mixed Varieties</b> . (Castor Oil Plant). H.A. From seed they quickly attain gigantic proportions, and are ornamental until destroyed by frost. Oz. 25c.	.10	<b>Schafta</b> . H.P. Ideal rock garden plant. $\frac{1}{4}$ oz. 50c.	.15
<b>ROCKET SWEET (Hesperis). Mixed colors</b> . H.P. A very interesting useful free-flowering plant. 18 in. $\frac{1}{4}$ oz. 35c.	.10	<b>SNAPDRAGON. (See ANTIRRHINUM).</b>	
<b>RUDBECKIA. Newmanni</b> . H. P. (Black eye-Susan). Bright orange with black cone. 2 ft..... $\frac{1}{4}$ oz. 50c.	.15	<b>STATICE. (See EVERLASTING FLOWERS).</b>	
<b>Echinacea. (Red perennial Sunflower)</b> . 4 ft..... $\frac{1}{4}$ oz. 35c.	.10	<b>STOKESIA cyanea. (Cornflower aster)</b> . H.P. Lavender blue flowers. 2 ft. $\frac{1}{4}$ oz. 75c.	.15
<b>SALPIGLOSSIS variabilis grandiflora superbissima</b> . New Emperor. H.A. One of the prettiest annuals of easy culture; funnel-shaped flowers. Facing upward revealing marking of veins running through the groundwork of the flower. Orchid-like flowers. 2 ft. $\frac{1}{4}$ oz. 75c.	.15	<b>STOCKS, Early Giant Imperial</b> . A splendid addition to the early forcing class; of tall branching habit, from 24 to 30 inches high and producing a very high percentage of double flowers. Mixed colors..... $\frac{1}{8}$ oz. \$1.00	.25

	Pkt.		Pkt.
<b>SUNFLOWER.</b> H.A. <b>Single Russian.</b> Well-known hardy annuals, the small flowering sorts being very useful for cutting, while the larger sorts are very ornamental and useful, blooming all Summer. Enormous flowers, 6 ft. .... Oz. 15c. .05		<b>VERBENA.</b> H.A. The Verbena is a uni- versal garden favorite, very few plants making a more gorgeous display of brilliant flowers from Spring till late in the Autumn. 12 in.	
<b>SWEET PEAS.</b> H.A. As soon as the ground can be worked in Spring sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about an inch at a time until the trenches are full, taking care not to cover the plants. Apply liquid manure occasionally. Do not allow the flowers to form seed.		<b>Hybrida Mammoth.</b> <b>Etna</b> , large trusses of intense geran- ium red ..... .25 <b>Lucifer</b> , vivid scarlet ..... .25 <b>Luminosa</b> , pink shaded to salmon ..... .25 <b>Dark Purple</b> ..... .25 <b>Mixed</b> ..... .15	
<b>Asta Ohm</b> , soft mauve ..... Oz. 50c. .10		<b>Hybrida Compacta.</b> <b>Defiance</b> , dwarf, compact, bright scar- let blooms, excellent for pot plants. 6 in. .... .25	
<b>Countess Spencer</b> . Light blush pink picotee edge ..... Oz. 50c. .10		<b>Lemon</b> (Aloysia citriodora). Lemon scented leaves ..... .25	
<b>Flamingo</b> . Orange scarlet cerise. Oz 50c. .10		<b>VERONICA</b> (Speedwell). H.P. <b>Spicata</b> . Mixed colors, a good rock garden plant. 1½ ft. .... ¼ oz. 50c. .15	
<b>King White</b> . Largest flowered white. Oz. 50c. .10		<b>VINCA</b> . H.H.P. Splendid plants for bed- ding and edging; glossy, dark green foliage and pretty pink and white flowers. 2 ft. Mixed colors ¼ oz. 60c. .10	
<b>Mary Pickford</b> . Cream pink suffused salmon ..... Oz. 50c. .10		<b>VIOLA</b> . (Tufted Pansies). <b>Jersey Gem</b> . H.H.P. The flowers are a pleasing shade of deep violet blue ..... .50	
<b>Tangerine Improved</b> . Glowing orange. Oz. 50c. .10		<b>VIOLET</b> , <b>Viola odorata</b> . H.P. Sweet- scented Violet, blue, 6 in. .... .15	
<b>Spencer Mixed</b> ..... Oz. 25c. .05		<b>WALLFLOWER</b> , <b>Early Wonder</b> . H.A. If sown in heat during March these will flower during the Summer and Autumn. Excellent for forcing ..... ¼ oz. \$1.00 .15	
<b>Eckford Mixed</b> ..... Oz. 15c. .05		<b>WILD CUCUMBER.</b> (See <b>ECHINOCYS- TIS</b> ).	
<b>SWEET SULTAN.</b> (See <b>CENTAUREA</b> ).		<b>XERANTHEMUM.</b> (See <b>EVERLASTING FLOWERS</b> ).	
<b>SWEET ROCKET.</b> (See <b>ROCKET</b> ).		<b>ZINNIAS</b> (Youth and Old Age). H.A. These well-known garden favorites are one of the most brilliant Summer-flow- ering plants. The flowers are large, very handsome, and borne in great pro- fusion. They succeed best in a sunny situation. 2 ft.	
<b>SWEET WILLIAM</b> (Dianthus barbatus). H.B. Showy, of easy culture; splendid for beds and borders with their rich varied flowers.		<b>Grandiflora Robusta</b> , double tall mixed. ¼ oz. 35c. .10	
<b>Double-flowering</b> , mixed ..... ¼ oz. 35c. .10		<b>Lilliput</b> , dwarf double (Red Ridinghood). ¼ oz. 50c. .15	
<b>Diadem</b> . A deep rich crimson with white eye ..... ¼ oz. 35c. .10		<b>Elegans fl. pl.</b> , tall double fine mixed. ¼ oz. 35c. .10	
<b>Newport Pink</b> . Salmon rose-pink flow- ers, borne on long stems ..... ¼ oz. 50c. .10		<b>Elegans fl. pl.</b> , gaillardiodes ..... ¼ oz. 35c. .10	
<b>Scarlet Beauty</b> . Intensely rich deep scar- let ..... ¼ oz. 50c. .10		<b>Giant Dahlia-flowered</b> ..... ¼ oz. 75c. .10	
<b>Holborn Glory</b> . auricula-eyed ¼ oz. 35c. .10		<b>Buttercup</b> . Deep creamy-yellow. ¼ oz. 75c. .20	
<b>Single Annual</b> . Mixed flower of good size, will bloom the first year ¼ oz 35c. .10		<b>Crimson Monarch</b> . Largest of the red shades ..... ¼ oz. 75c. .20	
<b>Namus compactus fl. pl.</b> Extra double dwarf mixed ..... ¼ oz. 35c. .10		<b>Meteor</b> . A large, beautiful bright scar- let ..... ¼ oz. 75c. .20	
<b>THUNBERGIA</b> , <b>Finest Mixed</b> . H.A.C. Beautiful, rapid growing climbers. 5 ft. .... ¼ oz. 50c. .10		<b>Dahlia-flowered</b> , mixed ..... ¼ oz. 50c. .10	
<b>TRITOMA</b> . <b>Express Early Hybrids</b> . H.H.P. A new perpetual flowering race. The colors embrace yellows and salmons to deep crimsons ..... .15			
<b>VALERIAN</b> , (Garden Heliotrope). H.P. Mixed colors, border plant, fragrant flowers, odor resembling that of the heliotrope. 2½ ft. .... ¼ oz. 30c. .15			



# Flowers for Different Situations

Rock  
Gardens  
Aid in  
Beautify-  
ing the  
Lawn

## EASY TO GROW

Petunia  
Cornflower  
Chinese Forget-  
Me-Not  
Love-in-a-Mist  
Nasturtium  
Drummond Phlox  
Portulaca  
Scabiosa  
Sunflower  
Cosmos  
Four o'Clocks  
Annual Larkspur  
Calendula  
Gallardia  
Marigolds

## DAMP SPOTS

\*Delphinium  
\*Heliotrope  
\*Hibiscus  
\*Lobelia  
\*Myosotis  
\*Pansy  
\*Snapdragon  
Stocks  
\*Viola  
\*Wallflower

## SCENTED SWEET

Alyssum  
Candytuft  
Carnation  
Lavender  
Mignonette  
Primula  
Scabiosa  
Stock  
Sweet Pea  
Sweet William  
Valeriana

See our  
fine list of  
flowers for  
Hanging  
Baskets  
and  
Porch  
Boxes

## All Are Easily Grown From Seed

### FRAGRANT AND CUT FLOWERS

*Achillea	Didiscus	Petunia
*Anemone	Dimorphothea	Physalis
*Agrostemma	Eschscholtzia	Poppy
*Aquilegia	Everlastings	*Pyrethrum
Arctotis	Gaillardia	Salpiglossis
Asters	*Gypsophila	Scabiosa
Caliopsis	*Heliotrope	Silene
Carnation	Hunnemannia	Statice Sin
Centaurea	Marigold	Stocks
Chrysanthemum	Mignonette	Sweet Peas
Cosmos	Nasturtium	Zinnia
Dianthus	Pansy	

### EDGINGS

Alyssum	Nasturtium
Candytuft	Pansy
Dusty Miller	Petunia
Lobelia	Phlox
Marigold Fr.	Portulaca

### BACKGROUNDS

*Delphinium	*Digitalis
Cosmos	Hollyhock

### MASSED COLORS

\*Aconitum  
Ageratum  
Alyssum  
Candytuft  
Celosia  
Helichrysum  
Nasturtium  
Phlox  
Poppy  
Portulaca  
Salvia  
\*Sweet William

Plant more  
Flowers  
and  
beautify  
the home

### FOLIAGE PLANTS

\*Agrostemma  
Amaranthus  
Coleus  
Dusty Miller  
Euphorbia  
Kochia  
\*Pyrethrum  
Ricinus  
Vinca

### SHADED CORNERS

\*Aconitum  
\*Aquilegia  
\*Bellis  
\*Mimulus  
\*Myosotis  
\*Pansy  
\*Primula  
Vinca

### CLIMBERS

Balloon Vine	Moon Flower
Cobaea	*Kudzu Vine
Cypress Vine	*Lathyrus
Cardinal Climber	Morning-Glory
Japanese Hop	Tropaeolum

### ROCK GARDENS

*Alyssum Saxatile Compactum	*Cerastium Biebersteini
*Aquilegia, Coerulea	*Delphinium Chinese
*Arabis Alpina	*Dianthus Plumaris
*Aubrietia Grandiflora	*Geum, Mrs. Bradshaw
*Campanula Longistyla	*Geum, Lady Stratheden
*Candytuft, Gibraltarica, lilac	*Linum Perenne
*Candytuft, Sempervirens, white	*Saponaria, Ocymoides
*Centaurea, Montana, blue	*Statice Latifolia
Ice Plant	Portulaca
	Verbena

The varieties marked with an asterisk (\*) are best treated as perennials.

Use  
Back-  
grounds  
for Formal  
Plantings

## SUNNY SPOTS

Abronia  
\*Achillea  
Amaranthus  
Balsam  
Clarkia  
Cosmos  
Dahlia  
Dimorphothea  
Mignonette  
Oenothera  
Petunia  
Phlox  
Portulaca  
Salpiglossis  
\*Sweet William  
Zinnia

## PORCH BOXES

Abronia  
Alyssum  
Asparagus  
Browallia  
Ice Plant  
\*Linaria  
Lobelia  
Petunia  
Verbena

Select  
flowers for  
Moist and  
Damp  
Spots  
from Our  
Collection



# How To Make A Lawn

The production of a good lawn is made by the following method: (1) When the soil is moist dig it up about 6" deep; if the ground is "muddy" allow a few days of clear weather to dry it up. (2) As you dig lift each clod high enough to enable you to turn it completely over. (3) Now break and pulverize the inverted clod with the back of the fork. (4) Remove from the plot all stones, sticks, etc. (5) Scatter Hyper-Humus on the dug earth, use 100 lbs. to every 60 square feet. (6) Draw our "speedy" cultivator or a rake back and forth over the whole plot until the soil is in a fine condition. (7) Purchase "Velvet" Lawn

Seed at the minimum rate of 1 lb. per 400 square feet, plot 20x20, or double the quantity when the lawn is needed quickly or a very thick turf desired. Divide the seed in two equal parts and sow on a calm day, going over the whole area twice the second time at right angles to the first. (8) Rake the plot again very lightly. This time drawing the rake toward you in a series of light strokes, raking only once in the same place. Grass seed should not be covered more than one-eighth of an inch. (9) Roll (or pat with the back of a spade) the area planted when dry.

## LAWN DRESSING

Use Fairway when the seed comes up and make sure your lawn gets all the food necessary to develop the fullest life. 10 lbs., .85c; 25 lbs., 1.75; 50 lbs., 3.00; 100 lbs., 5.00.

## LAWN ROLLERS

Rolling makes a compressed soil which forces greater root development insuring a lawn of enduring green the whole season. \$12.50 up.



## LAWN SEED

### STANDARD

This mixture contains a large portion of the finer and more expensive grasses in extra heavy samples, including a 5% (by weight) addition of Holland White Clover. This produces a turf of the closest and finest texture possible, and insures an enduring green.

**Lb. 50c; 5 Lbs. \$2.25; 20 Lbs. \$8**

### VELVET

This mixture particularly adapted to the soils and climate of Northern Jersey, is an intelligently arranged combination of the fine leaf dwarf grasses only, which, in succession, reach their maximum development at a time of year beginning with the late spring and continuing until fall.

**Lb. 65c; 5 Lbs. \$3; 20 Lbs. \$11**

### SHADY

The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our Velvet Lawn Grass Mixture, it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward.

**Lb. 65c; 5 Lbs. \$3; 20 Lbs. \$11**

**Blue Grass Kentucky** (*Poa pratensis*), extra clean; does well on light dry soils; it requires two or three years to form a good sod, and does not arrive at its perfection as a pasture grass until it is much older.

**Blue Grass Canada.** Little coarser than Kentucky.

**Creeping Bent Grass, Florin** (*Agrotis stolonifera*), used for Putting Greens, well adapted to most lawns.

**Crested Dogtail** (*Cynosurus cristatus*), good for permanent lawn, is productive and early, suffers but little from dry weather.

**Fancy Red Top Grass**, cleaned like Timothy; free from chaff ..... Market Price

**Rhode Island Bent Grass** (*Agrotis Tennis*), best of all grasses for lawn where only one variety is used ..... Market Price

**Rye Grass English** (*Lolium perenne*). Probably one of the most important and valuable of the cultivated grasses; is naturally adapted to almost any soil; matures early, and is very productive ..... Market Price

**Wood Meadow Grass** (*Poa nemoralis*). This grass grows well both on shady and exposed situations. 30 lbs. to the acre. .... Market Price

**White Clover** (*Trifolium repens*). This familiar plant is much used for lawns. It grows quickly, forms a green herbage and remains green throughout the season. The addition of bone meal or lime to the soil is a great benefit to it. .... Market Price

# MEADOW AND PASTURE SEED

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying conditions of our climate and soils.

## MEADOW MIXTURE FOR ONE ACRE

### No. 1. On Good Land

#### Neither Too Dry nor Too Wet

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

### No. 2. For High and Dry Land

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

### No. 3. On Wet Land

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

## PASTURE MIXTURE FOR ONE ACRE

### No. 4. On Good Land

#### Neither Too Wet nor Too Dry

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

### No. 5. On Dry Land

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

### No. 6. On Wet Land

Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

**Tall Meadow Oat Grass** (*Avena Elatior*). As a crop to cut for hay, this is very desirable because of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable.

**Timothy, Herd's Grass** (*Phleum pratense*). As a crop to cut for hay, this is probably unsurpassed. It thrives best on moist, peaty or loamy soils. 45 lbs. to bushel.

**Hard Fescue** (*Festuca duruiscula*), admirable pasture grass of fine quality, thrives well in dry situations. 30 lbs. to the acre. Market Price

**Meadow Fescue** (*Festuca pratensis*), this is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the greatest grasses for permanent pasture on a great variety of soils. 40 lbs. to the acre Market Price

**Sheep's Fescue** (*Festuca ovina*), does well in high, dry and open pastures, is of short, dense growth, and valuable in lawn mixtures, 30 lbs. to the acre Market Price

**Orchard Grass** (*Dactylis glomerata*), is one of the most desirable of all pasture grasses, coming early in the Spring and remaining later in the Autumn than any other. 3 bu. to the acre. 14 lb. bu. Market Price

**Tall Oat Grass** (*Avena Edatior*), good for dry pastures and meadows.

**Golden or German Millet.** This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured. Three pecks to the acre. Per bushel of 48 lbs. Market Price

**Japanese Millet.** Frequently as high as 12 tons of green food have been obtained from an acre. It is somewhat coarse in texture, growing sometimes as high as 8 feet; it is, however, ideal for silo or hay purposes. If sown early in May, it may be cut twice in one season. Sow 12 lbs. per acre broadcast. 32 lb. per bushel Market Price

**Hungarian Grass.** A valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three pks. to the acre. Per bushel of 48 lbs. Market Price



# FIELD SEED

## CLOVERS

(Subject to Variation in Price)

**Red Clover.** Medium (*Trifolium pratense*). Price variable, 60 lbs. to bushel.

**Red Clover, Large or Pea Vine.** Price variable.

**Alfalfa or Lucerne.** Requires a deep rich soil, and in such will produce several crops every season. Fifteen pounds to the acre.

**Alsike or Swedish** (*Trifolium hybridum*). Ten pounds to the acre.

**Crimson or Italian** (*Trifolium incarnatum*), sown in Autumn, it furnishes an early fodder and is excellent for soiling. Twenty pounds to the acre. Price variable.

## SPRING WHEAT, 60 lb. Bushel

**Marquis Spring.** This variety has been grown with great success for a number of years in Canada, and is very highly recommended, is beared, yields well and the kernels are larger than those of other Spring varieties. Market Price.

## WINTER WHEAT, 60 lb. Bushel

**Red Mediterranean.** (American). This is the imported variety fully acclimated and is a standard wheat. The heads are beared and well filled. It succeeds well in nearly all localities and ripens early.

## OATS, 32 lb. Bushel

**Swedish.** Very popular and standing well until fully ripe.

## SPRING AND WINTER RYE, 56 lbs. to Bushel

## FIELD PEAS, 60 lbs. to Bushel

**Canadian Field Peas.** Valuable for Northern climates for cattle-feeding and for green soiling. Sow 3 bus. per acre alone, or 1½ bus. with 1 bu. oats.

## VETCHES, 60 lbs. to Bushel

**Vetches, or Tares, Spring** (*Vicia Sativa*). Highly valuable for soiling or for green manuring. Use 2 to 3 bushels to acre, broadcast, or 1 to 2 bushels in drills.

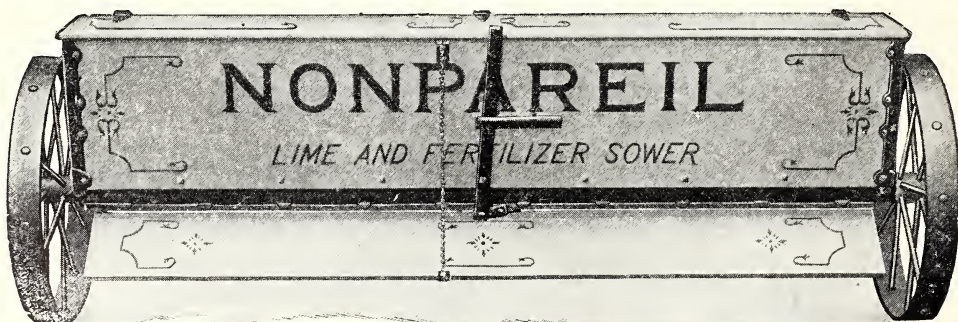
**Vetches, or Tares, Winter** (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. A great soil improver, and a nutritious green fodder or hay crop. For Fall sowing. Sow 1 bushel per acre, with 1 bushel of rye.

## BUCKWHEAT, 48 lbs. to Bushel

**Japenes.** Earlier, more prolific and yields nearly double the weight per acre of other sorts.



# LIME AND FERTILIZER SOWERS



Nonpareil Broadcast Lime and Fertilizer Sowers are the oldest and best lime and fertilizer sowers on the market. Made in various sizes that are especially adapted to handle all the different kinds of agricultural lime and commercial fertilizer in quantities ranging from 100 to 5,000 pounds to the acre. Then, too, they are so designed of few parts that there is practically nothing to get out of order, thus eliminating expensive repairs. A Nonpareil will pay for itself many times over in bigger and better crops.

# EVERGREENS

## JUNIPERS

**Pfitzeriana** (Pfitzer's Juniper). One of the most popular Junipers, used in foundation planting. Branches grow at angle of about forty-five degrees from the stem. It is a grayish green, Summer and Winter. Grows 6 to 10 feet.

**Communis hibernica** (Irish Juniper). Well known evergreen; distinct and beautiful. Very erect and columnar, with dense, silvery green foliage, and upright branches. A few of these can be planted to advantage in almost every lawn.

**Stricta** (Juniperus Edcelsa Stricta). A compact and slow-growing Juniper with grayish green foliage. Very desirable for foundation plantings or as a specimen where a low-growing tree is required. A distinct and beautiful evergreen.

## ARBOR-VITAE

**Occidentalis** (American Arbor-Vitae). One of the most popular evergreens because of its easiness to transplant; grows well under adverse conditions, and as a specimen or hedge plant, it is very attractive. It is inclined to be conical in habit of growth, and while it is not as green in color during the winter as some of the other varieties, it is one of the most popular, because of its many good qualities. 98c.

**Ellwangeriana** (Tom Thumb Arbor-Vitae). Very dwarf, globe-shaped; bright green during Summer, then turning to bronze in Winter. A handsome variety.

## SPRUCE

**Excelsa** (Norway Spruce). A tree sometimes reaching 100 feet in height, with spreading branches and usually pendulous branchlets. One of the most extensively planted ornamental evergreen trees. Growth is very rapid; habit is graceful; foliage is dark green and dense. It is one of the best conifers to plant for shelters and windbreaks. 49c.

# CANNAS

	Ea.	Doz.	Hundred
<b>King Humbert.</b> Orchid Flower, Deep Bronze Foliage. 5 ft. ....	.10	\$1.00	\$5.50
<b>The President.</b> Green Foliage, Bright Red Flower in fine clusters. 4 foot ..	.10	1.00	5.50
<b>Yellow King Humbert.</b> Green Foliage, Yellow Flower with red spots, 4 ft. ..	.10	1.00	5.50
<b>Shennandoah.</b> Bronze foliage, pink to salmon flower. 4 foot .....	.10	1.00	5.50
<b>Hungaria.</b> Green foliage, extra fine pink, 3½ foot .....	.10	1.00	5.50





## ROSES

Rose—the mere name is an inspiration to garden lovers. Down through all ages it has been known and accepted as the “Queen of Flowers”—adored and loved by all. Its grace of shape and form, its fragrance, its delicacy and refinement, the velvet texture of its petals, its tender association and the sentiment enshrined in song and story, all combine to make the rose the best known and best loved of all flowers.

Our fine, strong, well developed, budded, two year old plants, individually wrapped in damped moss, to insure minimum root evaporation, if planted in the spring will make a continuous bloom of beautiful roses through the entire summer.

### EVERBLOOMING

**Amelie De Greiff**—Light Shell and Salmon pink

**Betty**—Pale Bluff Pink

**Columbia**—Clear Rose Pink

**Cleveland**—Old Rose Coppery Pink

**Crimson Queen**—Velvet Red

**Duchess of Wellington**—Saffron Yellow

**Etoile de France**—Crimson Red

**E. H. P. Kingma**—Deep Apricot and Orange Yellow

**Frank W. Dunlop**—Bright Carmine Rose Pink

**Francis Scott Key**—Deep even Red

**Florence Pemberton**—Peach Pink

**George C. Waud**—Orange Red Vermilion

**General McArthur**—Brilliant Crimson Red

**Gruss & Teplitz**—Deep Crimson Red

**Gorgeous**—Deep Orange Yellow

**Jonkheer J. L. Mock**—Carmine Rose—Silvery White

**K. A. Victoria**—Lemon White

**Konigen Carola**—Soft Silvery Pink

**Killarney Queen**—Scarlet Pink

**Lady Alice Stanley**—Carol Pale Flesh Pink

**Lady Ashtown**—Pale Carmine Pink

**Lady Pirrie**—Coppery Reddish Salmon Yellow

**Laurent Carle**—Brilliant Velvet Carmine Red

**Los Angeles**—Luminous Flame Yellow Pink

**Louise C. Breslau**—Coral Red with Chrome Yellow

**La France**—Bright Pink

**Lady Ursula**—Silvery Pink

**Marie Adelaide**—Copper Yellow

**Miss Lolita Armour**—Chrome Yellow Shading to Orange

**Miss Cynthia Ford**—Brilliant Rose Pink

**Madam Bordeaux Job**—Canary Yellow

**Madam Butterfly**—Yellow Pink

**Mary C. of Ilchester**—Deep Rose Pink

**Madam Leon Pain**—Silvery Flesh Pink

**Mrs. Ambrose Ricardo**—Light Yellow Suffused in Pink

**Madam E. Herriot**—Coral Red Shaded with Yellow

**Madam Jules Bouche**—Pearly White

**Madam Segond Weber**—Rosy Salmon Pink

**Marquise de Ganay**—Bright Silvery Pink

**Mrs. Aaron Ward**—Indian Yellow

**Mrs. A. R. Waddell**—Apricot Yellow with Orange

**Mrs. George Shawyer**—Clear Rose Pink

**Ophelia**—Salmon Pink and Yellow

**Pharisaer**—Rosy White

**Pax Labor**—Light Yellow, Very Double

**Prince de Bulgarie**—Silvery Flesh and Saffron Yellow

**Queen of Fragrance**—Shell Pink Tipped with Silver

**Radiance**—Light Silvery Flesh Pink

**Red Radiance**—Deep Rose Pink

**Rose Marie**—Clear Rose Pink

**Sov de Claudis Pernet**—Sunflower Yellow

**Sov de Pres Carnot**—Rosy Flesh Shaded White

**William F. Dreer**—Shell Pink with Yellow

**Willowmere**—Carmine and Rich Salmon Pink

**Wm. R. Smith**—Blush White Pink

### HYBRID PERPETUAL JUNE ROSE

**Frau Karl Druischki**—Pure Snow White

**George Dickson**—Velvet Blk Scarlet Crimson Red

### HARDY CLIMBING ROSE

**Bess Lovett**—Light Crimson Red

**Climb. Amer Beauty**—Medium Pink

**Climb. Carline Testout**—Satiny Rose Pink

**Climb. K. A. Victoria**—Lemon White

**Dr. W. Van Fleet**—Delicate Flesh Pink

**Emily Gray**—Deep Golden Buff

**Gardenia**—Creamy Yellow

**Mary Lovett**—Waxy White

**Mary Wallace**—Bright Pink

**Pauls Scarlet Climber**—Scarlet Red

**Silver Moon**—Silvery White with Bright Yellow

50c EACH

## DAHLIAS "The Glory of Autumn"

There is little question why the Dahlia has gained in popularity. Largely because of its easy culture, its wealth of color, and its diversified form, it is one of the most popular garden plants we have today.

You should look upon them as triumphs of the breeder's art, when you realize that the modern varieties have been evolved from several wild species, growing in high altitudes in Mexico. It has been known to horticulture for upwards of one hundred fifty years, and today we find over 8,000 names of recognized varieties.

The collection below offers a variety of beautiful colors and types with strong stems, extending over a long blooming period—robust, reliable; repaying a small amount of care with a wealth of bloom at a season when the rest of the garden is almost without color.

**Gold Medal, Bloom 4½ x 3, Bush 4½ ft.** (Improved Gold Medal.) Sunflower yellow tipped and suffused Oriental red; very striking and becoming more popular each year, both in the cut flower market and on the exhibition table.

**Mrs. I. De Ver Warner, Bloom 10 x 3, Bush 6 ft.** No dahlia planting should be without this universal favorite. Color, a clear, bright lilac rose. The plant is a strong open grower, and the giant flowers can be produced on stems up to 5 feet in length by pruning and disbudding.

**Sagamore, c g e, Bloom 7 x 3½, Bush 5½ ft.** This dahlia is a wonderful commercial and exhibition variety. Color, amber gold, elusively shaded with a warm salmon rose and orange buff. An open, strong grower with good stems, of uniform large size.

**Earle Williams, c g e, Bloom 8 x 4, Bush 5½ ft.** One of the best bi-colored dahlias. A pleasing scarlet distinctly tipped white with an occasional bloom solid red. Flowers deep and large with full centres of regular form on erect stems.

**Pride of California, Bloom 6 x 3½, Bush 5½ ft.** A large crimson red shading darker at the center, which is very full: petals notched. Profuse bloomer on good stems.

**Attraction, Bloom 7 x 3, Bush 5 ft.** Elegant flower of a clear lilac rose, borne on long stiff stems and a Dahlia of exceptional merit.

**Jersey's Beauty, Bloom 6 x 4, Bush 6½ ft.** Probably the most popular of any dahlia especially as a cut flower. The ideal pink for exhibition. Large, deep flowers of perfect form on long stems. Free, early bloomer with exceptional keeping qualities.

**Jersey's Beacon, Bloom 9 x 4, Bush 4½ ft.** The most spectacular of the Jersey family. Color, bright scarlet with a buff reflex, giving a two-tone effect. A free, early bloomer of extremely massive proportions with sturdy stems.

**40c Each—3 for \$1.00**

**Jane Cowl, Bloom 10 x 6, Bush 5½ ft.** This wonderful new dahlia has been a success wherever grown the past season and is one of the most talked of novelties. Color, a warm buff and old gold, blending to apricot and rose at the centre. Bush growth is ideal with strong stems holding the giant flowers upright. A dahlia that is sure to please you, for it is large and impressive. \$2.00 Each.

### HIGH SPOTS OF CULTURE

Do not plant Dahlias in the shade.  
Do not plant them too close to trees, shrubs or buildings.

Do not plant them too early—mid-May is best in the North.

Do not allow more than one shoot to grow from the tuber.

Do not allow more than one flower on each stem.

Do not use nitrogen fertilizers.

Do not pull the clumps—DIG them.

Do not allow tubers to dry out in storage.

AND

Cultivate, water, fertilize, disbud, and consequently gather the gorgeous blooms in payment for this little care.



# GLADIOLI

For charm and color few other flowers compare with Gladioli, their adaptability to garden decoration or to use as cut flowers during the summer and early autumn is surpassed by no other flower. They thrive in almost any good garden soil but better results may be had if the soil is well prepared and enriched with pulverized sheep manure. The tall green stems fairly burst with color and provide a luxuriance of rainbow beauty. If cut as soon as the first one or two flowers are open they will last for ten days in the house, provided the faded flowers are removed and a little of the stem is cut and the water changed daily. Plant bulbs 4 inches deep and 4 inches apart, cultivate frequently and water freely.

## The Cream of the World's Best Varieties

**Mrs. Dr. Norton.** Very large flowers well set on a tall and graceful spike with 4 to 8 flowers in bloom at one time. Color, white, with edges of petals suffused with soft La France pink; all grower; splendid cut flower variety.

**Mrs. F. C. Peters.** One of the best of the recent introductions. A beautiful shade of rose-lilac with soft crimson blotch. Very large flowers on long stems.

**Evelyn Kirtland.** The flowers, of strong substance, are a beautiful shade of rosy pink, darker at the edges, fading to shell-pink at the center with brilliant scarlet blotches on the lower petals, the entire flower showing a glistening, sparkling luster. Very tall spike. Extra-fine form and color.

**Flora.** A clear golden yellow variety; a strong grower with large spikes of flowers of immense size; a splendid cut flower variety.

**Byron L. Smith.** Lavender pink on white ground. This variety is often referred to as the "Orchid Colored Glad." It grows with good form and the stems are rather slender which adds to its grace.

**Mrs. Leon Douglas.** Begonia-rose, striped with flame-scarlet, lower petal pale lemon, speckled ruby. Tremendously large flowers, many open at a time. Very tall, strong stem with several side-shoots, the whole forming a gigantic bouquet.

**Muriel.** Beautiful pure lilac-blue, with deeper blotch in flame-scarlet throat on lower petals. Many perfectly placed flowers open combination at a time on tall, erect stems. A rare beauty. 20 cts. each.

**Los Angeles.** Delicate salmon-pink with bright cerise markings in the throat, a strong vigorous grower.

10c Each—\$1.00 Dozen—\$7.00 Per 100

## Standard Varieties

The list of Gladioli offered below comprises our choice of all those in the field after studying and comparing the merits of hundreds of varieties, consideration being given to healthy growth, size and form, coloring, substance of flowers perfectly faced on strong, straight, upright stems. We therefore believe this selection of up-to-date named gladioli is the best of recent introduction as well as the most popular standard varieties.

**Mrs. Frank Pendleton.** All experts agree that this is one of the finest varieties yet introduced. The flowers are of largest size, borne on strong straight spikes. In color a lovely salmon-pink with brilliant deep red blotches in the throat. A color combination rivalling many of the finest orchids in its richness; exquisite in every way.

**Carmen Sylva.** Large, beautiful snow-white flowers, well placed on tall, straight stems. An excellent cut-flower variety.

**Mrs. Francis King.** Brilliant flamingo-pink, blazed with vermilion-red. Popular variety on account of its attractive color. Splendid for mass effects. Flowers are large in size, well placed on strong, tall spikes.

**Baron Hulot.** Rich, royal violet-blue. One of the finest of its color. Flowers are medium in size, well placed, and borne on strong spikes. A variety used for contrasting with the pale and deep yellow sorts.

**Halley.** Very large, well expanded flowers of a lovely salmon pink, blotched yellow, with carmine markings; very early.

**Schwaben.** Soft pure yellow with purple blotch on lower petals; heavy spike and foliage; an old favorite.

**Crimson Glow.** One of the best scarlet varieties, throat overlaid with a velvety scarlet blotch. Large wide open flowers with enough open at a time to make it attractive; good form and keeps well as a cut flower.

**Le Marechal Foch.** A recent introduction having enormous flowers of a beautiful delicate pink, the finest variety of its color in existence.

**Scarlaro.** Scarlet blotched ox-blood red in throat; beautifully ruffled; a fine acquisition.

**Herada.** Blooms of immense size on tall straight spikes; color, pure mauve shading to pink in throat. An unusual color and very effective as a cut flower.

**Mrs. Keur.** Peach blossom pink, yellow blotch in throat, large flowers.

**Mrs. Watt.** Rich velvet red, six to eight flowers open at one time.

8c Each—75c Dozen—\$4.00 Per 100

## GARDEN TOOLS

At no time has there been a greater interest manifested in garden making than at present. Every year finds more ladies and young folk taking up this hobby, and it is well, for there is no exercise more beneficial or healthful.

**REVERSIBLE STEEL LAWN RAKE.** Heavily tinned steel teeth. The arched teeth for leaves and litter and the opposite side for fine cut grass. \$1.00.

### WOODEN RAKES

Our wooden rakes are of a superior grade, selected wood 3 bow, aluminum. \$1.25.

**SOLID BOW STEEL RAKES,** electric welded bow, pinned through handle—12, 14, 16 tooth. \$1.25 up.

**IDEAL STRAIGHT SHANK RAKE.** The flanged head gives additional strength and is fine for leveling the dirt. 65c up.

**HOES.** Blades polished and hardened.

**GARDEN MATTOCKS.** It is heavier than the garden hoe and is indispensable for digging burdocks, grubbing out roots. \$1.48.

**WARREN or HEART SHAPE HOE** are unequalled for hoeing, weeding, cultivating, making drills, etc. \$1.35.

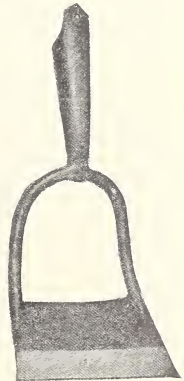
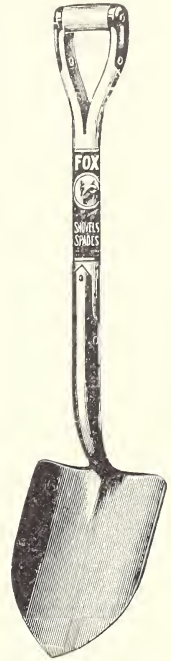
**IMPORTED ENGLISH SCUFFLE HOE.** The blade pushes through the soil easily and cuts front and back. 4," 70c; 5," 75c; 6," 80c; 10," \$1.20.

**POTATO FORKS.** Indispensable for digging root crops and forking over manure. \$1.19.

**SPADE.** Fox Standard quality steel, smooth back, fully strapped No. 2 wood handle. \$1.48.

**DIBBLES.** All iron, hollow, for transplanting celery, cabbage, etc. 69c.

**NURSERYMEN'S PLANTING SPADE.** Used for transplanting seedling trees, shrubs, etc. Ideal for stony ground. \$1.48.

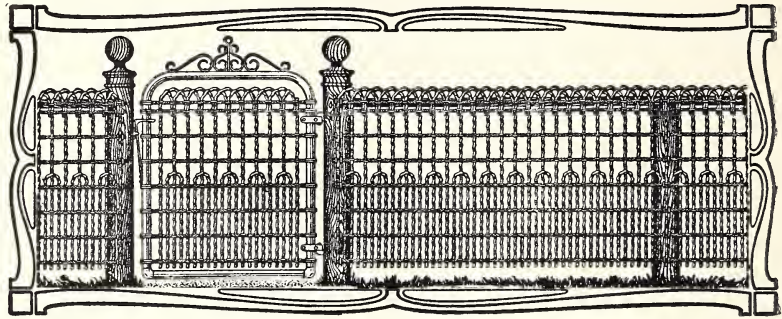




# GARDEN SUPPLIES

Ornamental Gates are made to match any of our styles of fabric.

36x36 Plain .....	\$3.00
42x36 Plain .....	3.50
36x36 Fancy .....	3.75
42x36 Fancy .....	4.00
42x42 Fancy .....	5.00
48x36 Fancy .....	4.50
42 in. x 10 ft. ....	10.00



## FENCING

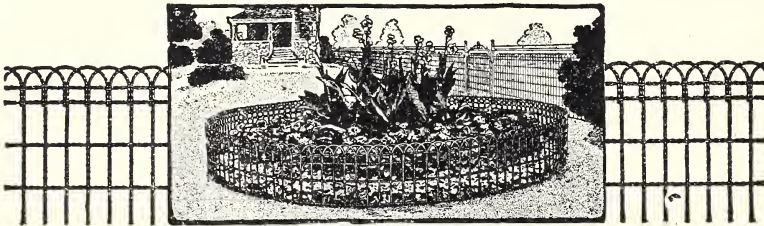
### STYLE 100, WITHOUT LOWER WEAVE

36 inches high .....	11c lineal foot—Roll 8c ft.
42 inches high .....	13c lineal foot—Roll 10c ft.

Our Ornamental Fences are exclusive in design, and embody many highly meritorious features not to be found in those of any other manufacture.

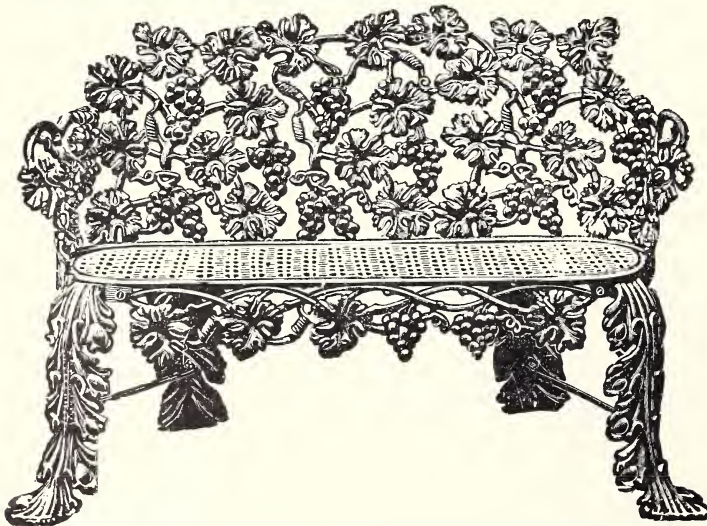
### STYLE 600—SAME AS CUT ABOVE

36 inches high .....	14c lineal foot—Roll 12c ft.
42 inches high .....	15c lineal foot—Roll 13c ft.
48 inches high .....	18c lineal foot—Roll 14c ft.



## FLOWER BED GUARD

A neat, artistic, and inexpensive fabric for the protection of flower beds. Also much used for lawn and curbway border. Can be readily taken up and used from year to year, cut off to length required, and the ends hooked together when set. 22 inches, 10c per ft.; Roll 8c per ft.; 16 inches, 9c per ft.; Roll 7c per ft.



## National Farm Fence

45 inches .....	\$6.00
32 inches .....	\$5.50

(10 rods to roll)

## National Poultry Fence

48 inches .....	\$6.50
58 inches .....	\$7.98

(10 rods to roll)

## Cemetery Settees, Chairs, Urns, Etc.

(Prices on Request)

# GARDEN SUPPLIES

## Bamboo Stakes

### BAMBOO

These Stakes are very strong and durable  
Natural Color

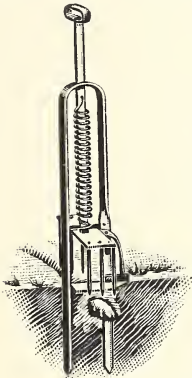
4 feet, per doz., 75c; per 100, \$4.00.

6 feet, per doz., 80c.

8 feet, per doz., \$1.25; per 100, \$8.00.

Green

30 inches, per doz., 25c; per 100, \$1.25; per 1,000, \$7.00.



## Mole Trap

Is easy to set and it will catch moles deep in the ground, and there being no pin or other obstruction projecting into the run, there is nothing to frighten or disturb the mole as it passes, and in doing so raises the ground over the "run" just enough to spring the trigger. Price \$1.48.



## FOR BETTER FLOWERS AND MORE OF THEM

Use good seed, bulbs and plants, and feed them Vigoro, the complete, balanced diet. Feed your lawn, vegetables, shrubs, and trees, too.

Clean, odorless easy to use, and economical.

# VIGORO

Complete plant food

# IMPORTED GRANULATED PEAT MOSS

TORF MULL

Assures better lawns and gardens. It will lighten and make more friable clay soil and will help to retain the moisture in sandy soil. Use it wherever a mulch is needed.

## Twine

### Bunching Twine—

For bunching carrots, beets, radish, etc. Has 50-2 ply ends. On reels of about 50 lbs. (Extremely low price to market gardeners).

## Raphia

Has great strength and is not affected by outdoor exposure. Also much used for basket-making. Natural color only.

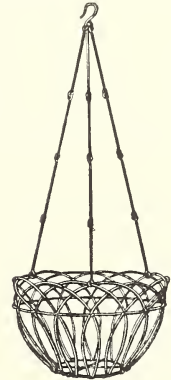
## Wooden Stakes

Stakes—Round Green  
Tapering  
Heavy

Length	Doz.
4 feet	1.50
5 feet	2.00
6 feet	2.50

### Light

Length	Doz.
2 feet	\$0.50
3 feet	.90
4 feet	1.25



## Wire-Hanging

Green finish, strong and well-made, just the thing for decorating piazzas of hotels and summer residences.

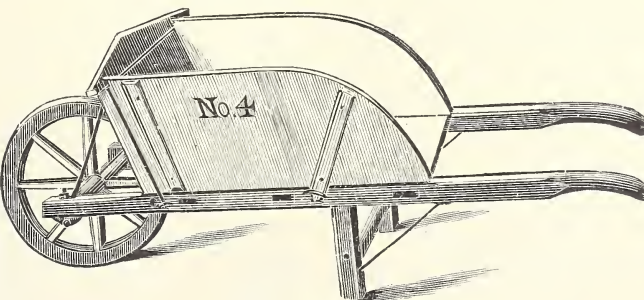
Size	Each	Dozen
8 inch	30c	\$3.00
10 inch	40c	4.00
12 inch	50c	5.00
15 inch	65c	6.50

## Labels Pot

### Pot Labels

Inch	1000
4	\$ 1.70
5	2.00
6	2.50
8	6.50
10	10.00
12	13.25

Tree, 3½ inch copper wired, painted, per 100, 50c; 500, \$1.50; 1,000, \$2.50.



## Wheelbarrow

This barrow is light, strong and durable; is made of selected material, has steel wheel and axle, and is well painted. While its carrying capacity is from 300 to 500 lbs., its weight is less than 50 lbs. Fully warranted to stand rough usage and garden use. Does not sink into soft ground.

## WaterPots

### Regular

4 qt. Capacity	\$ .69
6 qt. Capacity	.75
8 qt. Capacity	.85
10 qt. Capac.	.98
12 qt. Capac.	1.25
16 qt. Capac.	1.48

### Green Japaned

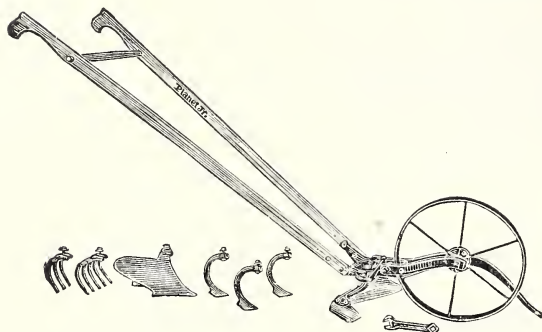
1 qt. Capacity	\$ .40
2 qt. Capacity	.48
4 qt. Capacity	.60
Fancy Lq.	
Spout (Colored)	1 qt. 1.00



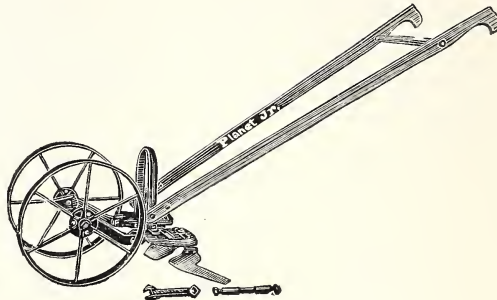
# Planet Jr. Garden Tools



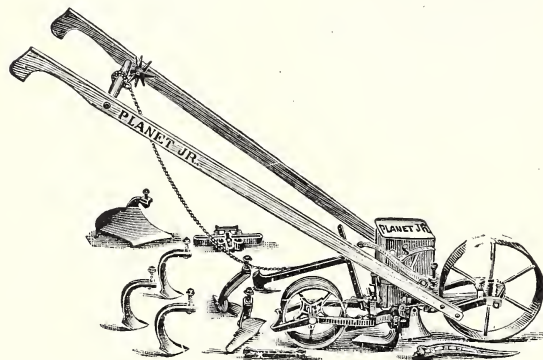
Planet Jr. tools are designed and built to do a greater variety of work and to do it better than any others available for the use of the home gardener, market gardener, trucker, and general farmer.



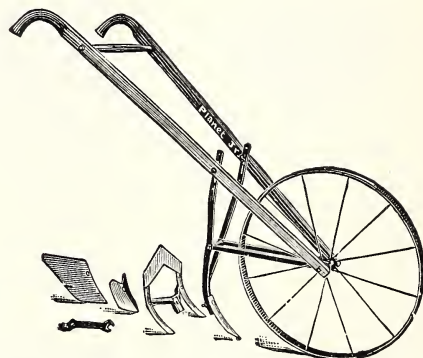
No. 16 Single Wheel Hoe—Here is a very complete, light running cultivating tool suitable for either the home or market garden .....\$9.00



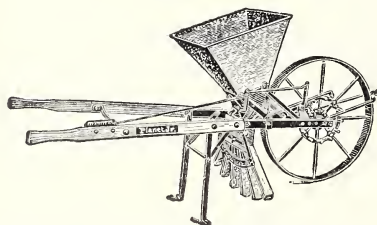
No. 13—A Double and Single Wheel Hoe combined with a pair of 6-inch hoes only. The hoes are sure death to weeds .....\$8.00



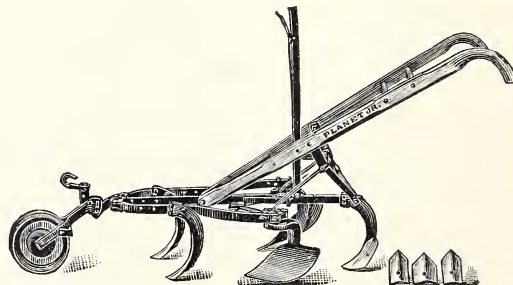
No. 4 Hill and Drill Seeder and Single Wheel Hoe—Here is a wonderful combination for the home gardener or the small market gardener .....\$18.00



No. 119 Garden Plow and Cultivator—For those who prefer a high wheel garden cultivator .....\$4.75



No. 220 will distribute fertilizer in the middles of three rows 12 to 14 ins. apart; it will side-dress 1 side each of 2 rows up to 36 ins. apart .....\$27.00



No. 9 Horse Hoe—The No. 9 is a valuable, practical tool; identical with No. 7 except that it has a plain wheel instead of a lever wheel. Popular because of its strength, lightness, easy change of width and perfection of work .....\$14.25

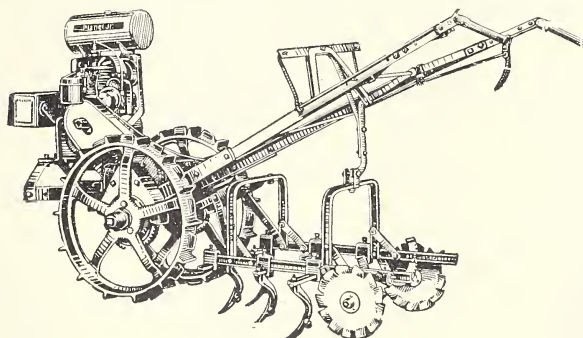
# Planet Jr. Garden Tools

## THE *New* Planet Jr.

The New Planet Jr. is of exclusive design; an improved model built and guaranteed by Planet Jr. engineers as the nearest approach to an "All Purpose Tractor." It is easily adjustable to various needs—from fine work in narrow rows to the pull of a 6" to 8" plow under average soil conditions. Swift, accurate and efficient to a high degree, it pays for itself in service performed in a short time. We suggest that you stop in and see one of these new models next time you are in the neighborhood.



### MOTOR CULTIVATOR



- No. 300 Seeder**—Is a very efficient plate seeder intended primarily for the market gardener and large vegetable grower. It is designed for any soil—heavy, sandy, or muck—and will do excellent work in either. Price ..... \$20.00
- No. 25 Hill and Drill Seeder, Double and Single Wheel Hoe Combined**—Here is "The complete gardener." Price ..... \$21.50
- No. 12 Double and Single Wheel Hoe Combined**—The No. 12 is a great favorite with home gardeners and market gardeners. Used as a Double Wheel Hoe it straddles the row until plants are 20 inches high. Price ..... \$10.75
- No. 11**—Same as No. 12 with a pair of 4½ inch hoes and two pairs of rakes added to the above equipment. Price ..... \$13.75
- Fire Fly Garden Plow**—Very useful for plowing up the home garden or plowing up poultry yards. Price ..... \$1.25
- No. 7 Horse Hoe**—Designed to do a great variety and better work than any other Horse Hoe available for your use. Price ..... \$15.75
- No. 8 Horse Hoe and Cultivator Combined**—Complete with a depth regulator. Price ..... \$16.25
- No. 82 Seven-Tooth Horse Hoe and Cultivator Combined.** Price ..... \$15.75
- No. 90 Twelve-Tooth Harrow, Cultivator and Pulverizer**—A harrow that has proved its time and labor saving value to commercial growers. Price ..... \$17.00
- No. 90B**—Same as the No. 90, less the pulverizer. Price ..... \$13.75
- No. 90D**—Same as the No. 90, less pulverizer and steel wheel. Price ..... \$10.75
- No. 101—Plain Cultivator**—The No. 101 is simple, strong and easily handled. Light so that the operator can lift the cultivator and work the side of the ridge, close under the leaves. Price ..... \$11.00



## SPECIAL SPRAYS



**Copper Solution.** For late sprayings, when fruits are nearing maturity, or plants in bloom, copper solutions are usually used. Qt., \$1.25; gal., \$4.50.

**Lime-Sulphur Solution.** Our solution retains its strength indefinitely and does not crystalize if kept from air and freezing. For fall and spring spraying, use 1 gallon to 8 gallons of water. For summer spraying, 1½ gallons to 50 gallons water. 1 qt., 50c; 1 gal., \$1.00; 5 gal., \$3.75.



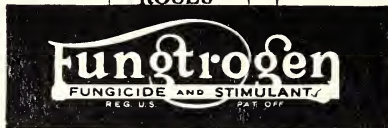
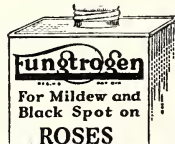
### ARSENATE OF LEAD

**For Leaf-eating Insects.** Sticks to the leaf better than paris green and remains longer in suspension; requires fewer applications; does not burn the leaf, thus allowing stronger solutions. White in color and shows just where it has been applied. These advantages make it preferable to paris green for destroying leaf-eating insects. Use 1 to 2 lbs. to 50 gals. of water (one level tablespoonful to a gallon) for general spraying. 1 lb., 28c; 4 lbs., \$1.00; 10 lbs., \$2.25.



Kills both chewing and sucking varieties — Aphis, Thrip, Leaf Hopper, Leaf Roller, Cut-worms, Rose Chafer, Squash Beetle, Cabbage worm, Tent Caterpillar, etc.

1 oz. bottle, 35c; 6 oz. bottle, \$1.00  
16 oz. bottle, \$2.00; qt. can, \$3.50  
Gallon can, \$13.00



Destroys mildew and controls black spot, the two most dangerous enemies of the Rose, and at the same time supplies an essential fertilizer that assures luxuriant foliage and vigorous plants with amazing blooms. Its invisible film safeguards.

#### PRICES

Half pint	.....	\$0.75
Pint	.....	\$1.25
Quart	.....	2.00
Half gallon	.....	3.50
Gallon	.....	6.00



## Antrol ANTROL Ant Syrup

**Antrol**—The Antrol system is composed of small glasses containing a special form of syrup. 95c a set.

### RED ARROW SPRAY

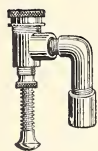
**For Chewing and Sucking Insects.** A non-poisonous pyrethrum spray that is highly recommended for killing practically all insects on vegetable and flower plants and fruit trees. Especially effective against Mexican bean beetle, Japanese beetle, striped cucumber beetle, cabbage and tomato worms, squash and potato bugs and aster and dahlia beetles. An ounce makes 6 gallons of spray (a teaspoonful to a gallon of water); ½ pint makes 50 gallons. 1 oz., 35c.



### BLACK LEAF 40

**For Sucking Insects and Poultry Lice.** Kills plant lice on roses, shrubbery, fruits and vegetables. A concentrated solution of nicotine sulphate, guaranteed to contain not less than 40 per cent. of nicotine. A solution in the proportion of a teaspoonful to a gallon of water, to which add three-fourths ounce of soap (4 lbs. to each 100 gallons of solution), will kill the garden pea louse and not injure the vine. Mix with 800 times its bulk of water.  
1 oz. bottle 35 cts.; ½ lb. \$1.25; 2 lbs. \$3.25; 10-lb. pkg. \$11.85.

# SPRAYERS



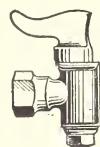
**VERMOREL  
NOZZLE**

Two caps for fine or coarse spray. Impossible to clog, as obstructions are forced out with spring needle. For spraying trees, shrubbery, etc. **Price, \$1.25.** Transportation paid.



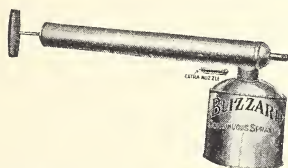
**Use With Any Pail or Bucket**

**AUTO-SPRAY NO. 5** is generally acknowledged to be the most powerful pump of this type manufactured, generates a pressure of 200 lbs. with remarkable ease. Throws continuous. Specifications. Solid brass throughout. **Price \$4.25.**



**BORDEAUX  
NOZZLE**

Throws long distance spray, a solid stream or a fine mist, and may be shut off altogether. For general spraying and for whitewashing. Impossible to clog. **Price \$1.00.** Transportation paid.



**CONTINUOUS ATOMIZER**

This Atomizer will spray insecticide in a continuous fog of such great volume that it will fill an ordinary room full of vapor in one minute. All Brass, 1 qt., with legs, **\$1.25.**



**AUTO-POP**

This patented device is a most convenient, automatic shut-off attachment. Light pressure on lever turns spray on; releasing pressure shuts it off. Unlike stop-cock, can be operated by one hand. Saves solution and reduces labor.



**DOUBLE BOTTOM - DOUBLE STRENGTH**

**SPRAYER**

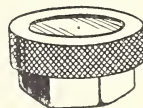
Complete as shown. Tank in galvanized steel or solid brass. Large brass 2 inch pump cylinder. The best Compressed air sprayer made.

Galvanized \_\_\_\_\_ **\$6.00**  
Brass \_\_\_\_\_ **8.98**



**LOWELL SPRAYER**

It is substantially built of heavy tin and can be used for spraying all sorts of chemicals, for fumigating purposes, also for insecticides in the garden. **Price 29c.**



**AUTO-SPRAY  
NOZZLE**

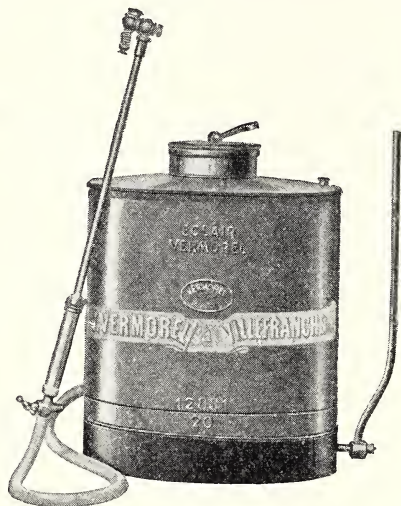
This is our patented standard nozzle for use with the Auto-Spray. It is light weight, will throw a very fine spray under low pressure, and is a real clog proof nozzle.

## BAMBOO EXTENSION ROD

Fitted with non-corrosive tube  $\frac{1}{4}$ -in. diameter inside, with brass stop cock and drip guard. **Price, 8 feet long, \$4.00; 10 feet long, \$4.50.**



# SPRAYERS



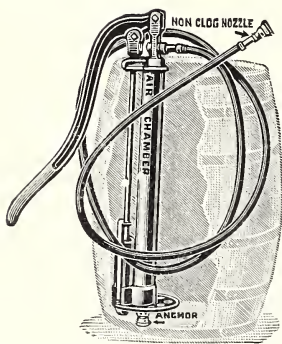
VERMOREL

ECLAIR No. 1 KNAPSACK

SPRAYER

The Eclair No. 1 Sprayer—Has no plunger nor complicated mechanism. Its simple diaphragm pump eliminates the usual pump troubles. Pressure can easily be maintained at forty pounds. Furnished in either brass or copper.

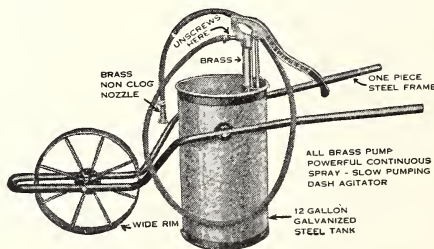
Price \$20



**SMITH NO. 25 BARREL PUMP**

Nozzles, cylinder, ball valves and valve seats entirely of brass. Double acting barrel of heavy brass. Pump not affected by strong mixtures. Pump quickly attached to any barrel.

Price \$12.00 each

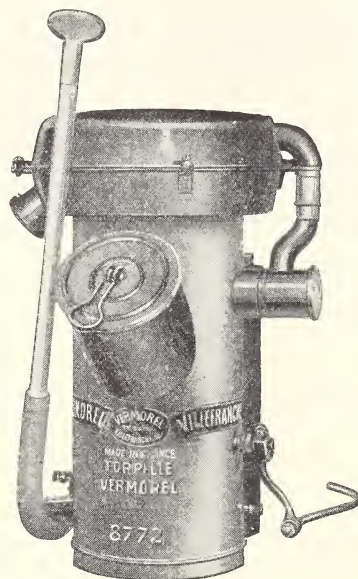


**SMITH NO. 50 WHEELBARROW SPRAYER**

12 gallon heavy galvanized tank, all brass pump, agitator, 8 ft. heavy hose, brass nozzle for two different sprays. Steel frame made in one piece, strong and rigid. A high grade well built Wheelbarrow Sprayer for small orchards and general spraying. Easily wheeled about.

Price \$14.00

# DUSTERS



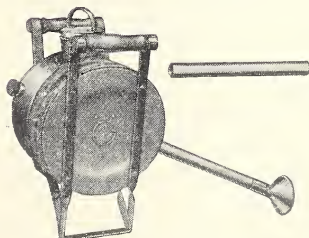
VERMOREL

"DOUBLE ACTION"

DUSTER

Vermorel Dusters are simple and compact— economical and efficient. For applying sulphur, arsenate of lead, calcium arsenate, Bordeaux Mixt., nicotine dust, etc., either of these models will give excellent results.

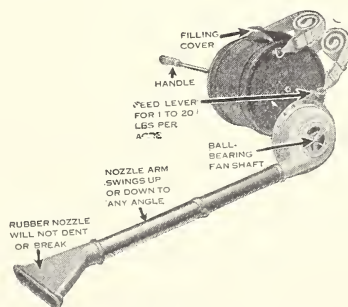
Price \$20



THE PLATZ DUSTER

Compact, sturdy, efficient, with capacity of 2 to 4 pounds. It is equipped with powerful bellows and a 30-inch extension pipe with sprayer. The wearing parts can be easily duplicated. It is excellent for dusting hills and has an attachment so that the powder reaches the under side of the foliage.

Price \$6.00

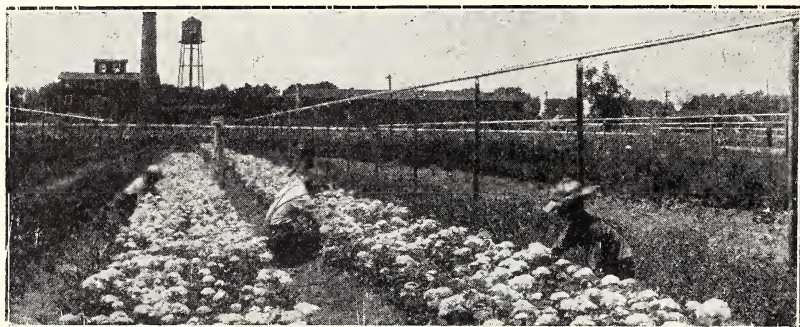


SMITH SAVAGE DUSTER

Fan and fan housing made of aluminum; fan works on ball bearings. Gears are machine cut bronze and encased in grease. Nozzle arm on swivel so can dust in front or rear of operator or upwards with smaller trees, etc. Feed lever to regulate adjustment from 1 to 20 lbs. poison.

Price \$17.98





# THE ANSWER TO THE RAIN QUESTION

**MARCH**

## **SUPER SYSTEM IRRIGATION**

Reproduction of natural rainfall within 15 per cent. variation. Guaranteeing uniform even water distribution over field with maximum yield and quality possible to attain. (Closest competitor over 150 per cent.)

Dependable **TURN-MOTORS**. There are over 50 to 1 more March Turn-Motors in use than all competitors combined.

Complete **SOLID BRASS EQUIPMENT**. Everything but the pipes and posts themselves made of this life-time lasting material and furnished only by us. Irrigation is not brought every day and 15 to 20 years more service is desirable as well as lowest in cost and maintenance.

**LARGER SIZE PIPES IN LINES**. (Smallest size 1 inch.) Better volume and water distribution along full length of line.

**PATENTED LONG THROW NOZZLES INDIVIDUALLY SCREENED**. (Five to 10 foot longer throw with some pressure.) Screens practically eliminate plugging up troubles.

**GRADUATED SIZE DISCHARGE NOZZLES**. A special feature found only in **MARCH SYSTEM**. Worked out after three years' study and experimentation. Guaranteeing even water distribution.

**AUTOMATIC FLUSH VALVE**. (Patent applied for.) All lines drained and cleaned automatically with no attention. Eliminates clogging of pipes and nozzles. Prolongs life of system if water has lime or other chemical content.

**NON-CLOGGING. SELF-PACKING TURNING UNIONS** of solid brass, non-corrosive and rust-resisting. A big feature and appreciated by every practical grower.

**SIMPLICITY OF INSTALLATION**. Very important to every buyer. With complete and understandable instructions and specifications the ordinary man does not need the services of a plumber. Work is done in half the ordinary time. We will also contract your job—get our estimates.

**REMEMBER**—Your only idea in buying irrigation is from the profit to be made from its use. If you buy on a business basis you will buy **MARCH'S**.

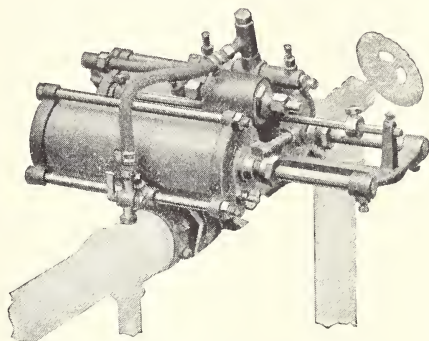
**GET**

**ESTIMATE**

**OUR**

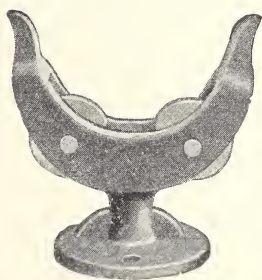
**CALL SHER. 2-1388**

# IRRIGATION



**MARCH TWIN TURN MOTOR**

Turn lines 300 feet long on 25 pounds pressure. Will turn lines up to 660 feet long. Guaranteed on 50 pounds pressure. Lines turn 2 to 3 times per minute depending on pressure. It is especially timed for frost protection and is recognized throughout the country as the only successful FROST PROTECTION MOTOR.



**WOODEN POST HANGER**

MARCH'S HANGERS have several exclusive improvements. The main object of a hanger is to enable a pipe line to roll with least amount of friction and wear and to reduce wear on automatic Turn-Motor and to save water pressure. These hangers have 2 point roller bearing. "Pin" extra large. Never is there a possibility of rusting. Are complete brass throughout. Outlasts other hangers 30 years. Lasts a lifetime. Can be used with any make irrigation line.

Price 42 cents each



**SCREENED FIELD NOZZLE**

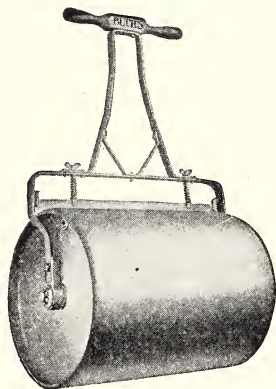
Since overhead irrigation was first used in field or greenhouse, users were seriously troubled with clogged nozzles—keeping them clean and functioning so that every bit of ground would get its moisture and give a maximum yield. It was a serious and expensive annoyance.

March's Nozzles have the added advantages of throwing 5 to 10 feet farther, thereby spacing pipe line farther apart. Also an annealed flexible tip which can be bent to bring nozzle streams in line.

Field Nozzles, unscreened.....	\$6.00 per 100
Field Nozzles, all screened.....	10.00 per 100



# LAWN SUPPLIES



## LAWN ROLLERS Water Filled

Length and Weight precisely as listed.

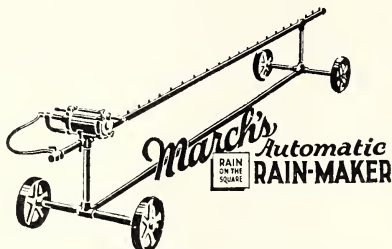
Rollers are smooth on face and aluminum finished, outer edges rounded to avoid cutting up the lawn.

### Plain Bearing

No. 2 Water Filled	175	\$12.50
No. 4 Water Filled	265	14.50

### Roller Bearing

	In.	In.	Sec.	Lbs.	Price
No. 5	18	24	1	265	\$18.00
No. 7	24	24	1	420	21.00

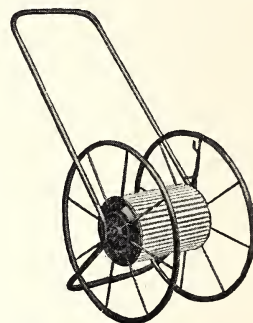


## Thriving Beautiful Lawns

### are obtained with the RAIN-MAKER

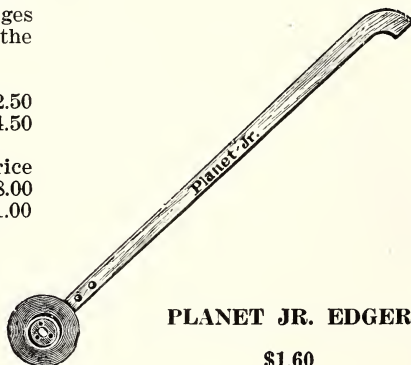
The natural rainlike fall of water develops deeper root growth without disturbing soil—Dissolves soluble matter in fertilizer—No burning.

BEAUTIFUL FLOWERS — SHRUBS and GARDENS are the result of watering the MARCH way. Your Florist uses the Overhead System to produce prize winning blooms. You, too, may enjoy the best with less labor.



## ALL IRON HOSE REEL

The All Iron Hose Reels are indestructible; light in weight; frictionless and are easily manipulated. These reels cannot tip over when unreeling, and there is no weight of hose to carry on the handle. Price \$2.25 up.



## PLANET JR. EDGER

\$1.60

## GRASS CATCHER

Heavy galvanized metal bottom. Heavy canvas on wire frame. Complete with galvanized hooks for fastening to mower. Made in two sizes to fit 12 to 16" and 16 to 20" mower. \$1.39 up.

Neatness is the great secret of attractiveness in grounds surrounding a house, and to have this neatness the grass bordering walks must be frequently edged or trimmed. With a No. 2 Planet Jr. Edger you can edge either straight or curved walks of cement, stone or brick, rapidly and easily. Everyone who uses a lawn mower has work for one of these edgers. Works best if used after a good rain or watering.

It is always ready for use, and should be the constant companion of the lawn mower.

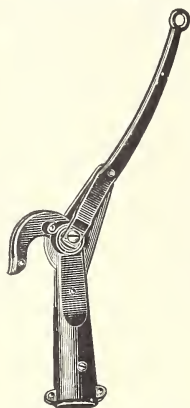
## GARDEN HOSE

### PALISADE

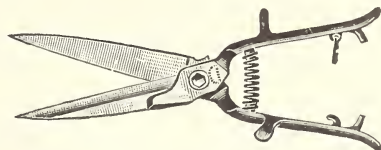
The rubber lining or tube is made seamless and ample strength is given the hose by a braided cotton jacket directly applied by a special machine. The hose is protected against external wear by a tough, resilient rubber cover.  $\frac{3}{4}$ "—15c foot.

## CUTTING TOOLS

### TELEPHONE TREE PRUNERS



No. 1 attaches to pole of any length, operates with a cord; a spring throws knife back in position.



Full polished, best quality crucible steel blades, tempered, ground convex; adjusting nut and regulating ratchet; longitudinal double brass spring; removable handle-clip. **Price 59c.**



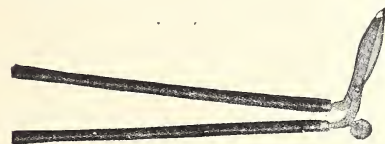
### ENGLISH SICKEL

Imported English heavy riveted back thin cutting blade made from best grade steel. **Price 75c.**



### GREYHOUND BRAND, ENGLISH RIVETED BACK SCYTHES

Light and thin broad blades, strengthened by a riveted back. **Price \$2.75.**



### BORDER

For trimming the overhanging grass around the edges of walks, etc. **Price \$1.98 up.**



### PRUNING SHEARS

A spring tension washer is provided to hold the shear in permanent adjustment, and a patented spring latch that opens the shear by mere pressure of the hand, holds it shut when not in use. Exceedingly useful for trimming the edges and borders of lawns, flower beds, etc. **Price 59c up.**



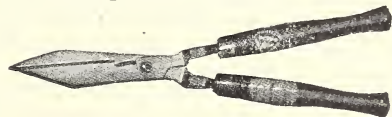
### LITTLE WONDER HEDGE TRIMMER

Will trim your hedge five to ten times faster than hand shears. Attachments come with each machine to adapt it to flat, round or pivot tops as well as side cutting; 40-inch. **Each, \$27.50.**

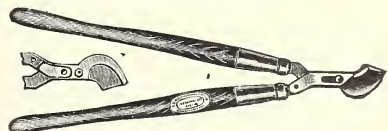


### EXTRA FINE POLISH TROWEL SHANK

Solid steel of finest quality and tempered; 7-in. blades. The raised trowel-like handles keep the knuckles off the ground and allow smoother cutting. **Price \$1.48.**



These shears can be used both for trimming hedges, and for cutting grass under fences, bushes, etc. The Notch at the heel of the blade is used for cutting twigs and small branches. **Price \$1.10 up.**

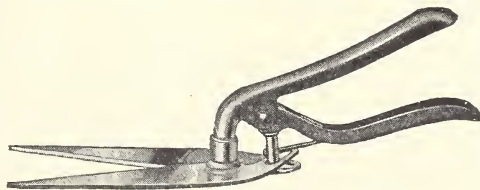


### DRAW CUT

The Lopping Shear is made with two drop forgings of high grade tool steel, carefully hardened and ground and fitted with 26-in. white ash handles, making a tool which is unsurpassed for cutting underbrush and limbs. **Price \$3.00.**

### SPEED ELECTRIC HEDGE TRIMMER

It operates so rapidly and accurately that no branches are ripped or torn. An expert can do little better than you. Blade is easily sharpened. Ready for operating when connected to an ordinary electric light socket. **Price \$45.00.**



### GOODWIN GRASS SHEARS

are made to cut grass. They're built to get around close corners easily with the buckles well up out of the way, and are easy on the wrist. The grip is natural. Ball bearing action, blades sharpened enduringly from point to hilt. **Price \$1.50.**

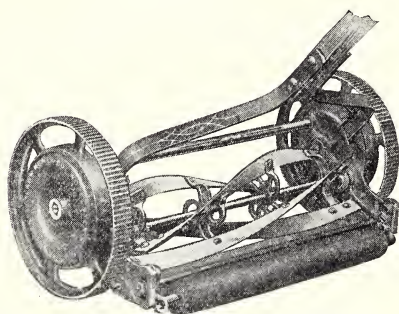
### GRASWIP

Cut your grass and weeds the new way without stooping. It's like the swing of a golf stick; cuts with both forward and backward swing. **Price \$1.00.**



# WORCESTER

## LAWN TESTED QUALITY MOWERS



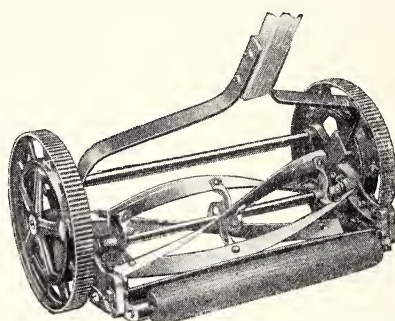
### NEW WORCESTER

For those who have a rather large area of lawn there is no finer lawn mower than the New Worcester. The fact that this mower has long been a favorite in public parks and cemeteries all over the country testifies to its rugged construction and fine quality. It is well balanced and surprisingly easy to handle.

Ten inch wheels, large ball bearings, four blades, construction strongly reinforced.

#### PRICES

16 Inch	.....	\$12.98
18 Inch	.....	\$13.98



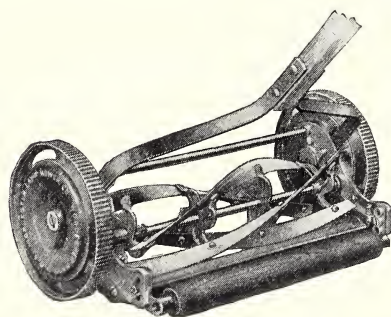
### HIGH WHEEL INVINCIBLE

The High Wheel Invincible features the open type of wheel, and is a very capable, high grade mower for general use. It is carefully constructed of the finest quality of materials and is well balanced and easy to push.

Ten inch wheels, four blades, trouble-proof bearings.

#### PRICES

14 Inch	.....	\$7.98
16 Inch	.....	\$8.75
18 Inch	.....	\$9.48

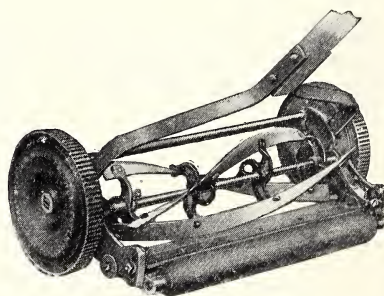


### WIZARD

This mower is the practical mower for the average home owner. The wheels are a little smaller than on the New Worcester, and the mower is lighter. It is a very capable and strongly built mower that will give entire satisfaction on any lawn.

#### PRICES

12 Inch	.....	\$7.98
14 Inch	.....	\$8.75
16 Inch	.....	\$8.98
18 Inch	.....	\$9.98



### NEW ENGLAND

This is a low wheel light weight mower of the ball bearing style, suitable for the medium size or small lawn.

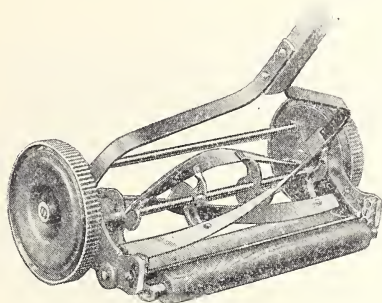
Built of good steel and including most of the features of the larger and more expensive mowers. The New England will give very good service and is a very popular type of mower.

#### PRICES

12 Inch	.....	\$6.98
14 Inch	.....	\$7.48
16 Inch	.....	\$7.98
18 Inch	.....	\$8.98

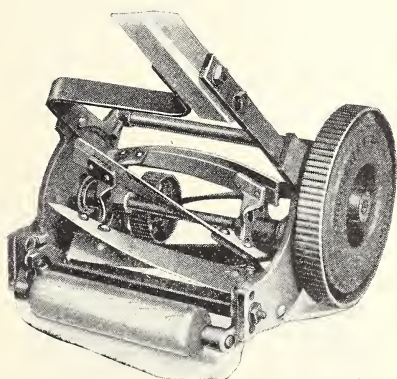
# WORCESTER

## LAWN TESTED QUALITY MOWERS



### TIP TOP

The Tip Top is a universal favorite among light weight mowers of the plain bearing type. It is a sturdy, capable mower for the small lawn, and its general popularity stamps it as an excellent mower in its class. This mower is a three blade, low wheel, plain bearing machine, compact and well built of good materials, and is generally conceded to be the finest mower built in this competitive class.

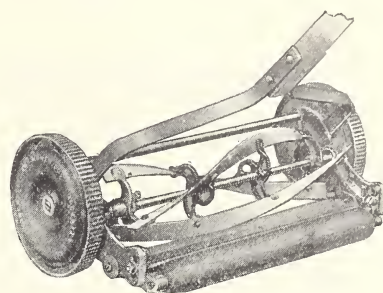


### Worcester Lawn Trimmer

A thoroughly practical machine for trimming the edges of the lawn. This trimmer cuts a generous swath (ten inches) and is as carefully built and perfectly balanced as a fine grade lawn mower. It will not hobble or bump over the lawn as does the average trimmer, and it is so handy and practical a machine as to be almost indispensable for every lawn.

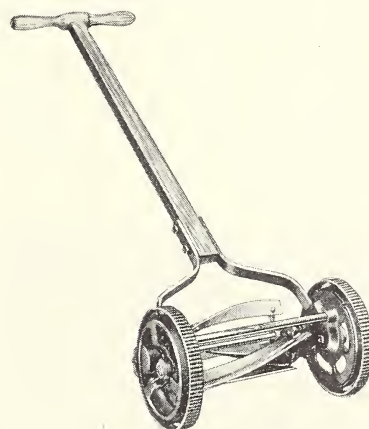
Built in ten inch size—eight inch wheels—five blades—ball bearing.

Price \$9.98



### TIP TOP PRICES

12 Inch	-----	\$5.50
14 Inch	-----	\$5.98
16 Inch	-----	\$6.75
18 Inch	-----	\$7.48



### JUNIOR

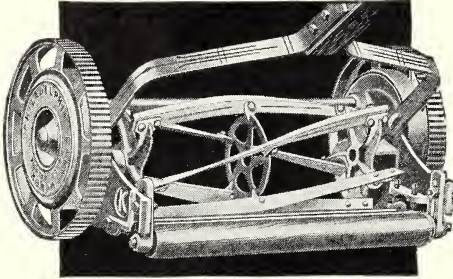
The first real practical mower built for the younger generation. The handle and other details of this mower have been designed especially for the boy or girl from seven to twelve years of age. This machine is of the usual Worcester quality and will do excellent work. The Junior has eight inch wheels, three revolving knives, is equipped with ball bearings and is extremely light in weight. Children will enjoy mowing the lawn with a Worcester Junior.

Price \$7.48



# LAWN MOWERS

## PHILADELPHIA LINE

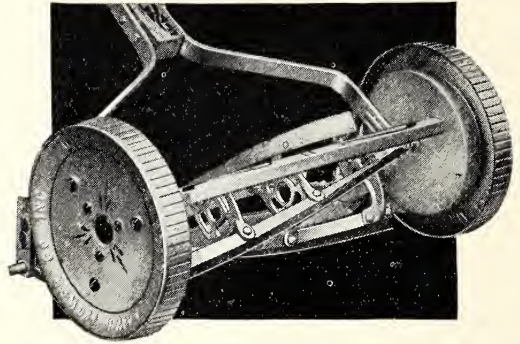


**STYLE K**

Style K is equipped with Arguto Oilless Bearings.

These mowers are particularly adapted for use on household lawns where a high-grade mower is desired for general use. The materials and workmanship are fully guaranteed. It is a fiveblade mower.

14 inch .....	\$19.50
16 inch .....	\$21.50
18 inch .....	\$23.50
20 inch .....	\$25.50

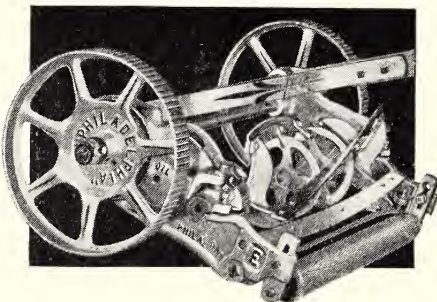


**STYLE B B**

Moderately priced ball bearing mower built on the internal gear drive principle, and equipped with sliding pawl ratchets in both wheels. The wheels are 9" in diameter and are made of pressed steel, and the side plates are also made of pressed steel, which, of course, reduces breakage to a minimum, as it is usually the wheel or a side plate which becomes broken in use, and pressed steel will not break.

12 inch .....	\$9.00
14 inch .....	\$9.50
16 inch .....	\$9.98

Can also supply with 10 inch wheel, at a moderate price.



**STYLE E**

The mower is equipped with a single train of gears to attain lightness. The revolving cutter is driven by both wheels through the use of two ratchet. The main bearings are equipped with oil cups which insure protection from dirt.

15 inch .....	\$20.00
---------------	---------



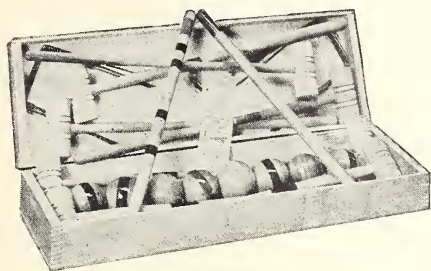
**TRIMMER**

The Philadelphia Lawn Trimmer is the most efficient ever built. It is really a "half-portion" of one of our higher grade mowers designed to mow close to trees, fences and around flower beds and edges—in tight places where a standard-size mower cannot be used.

6 inch .....	\$11.75
--------------	---------

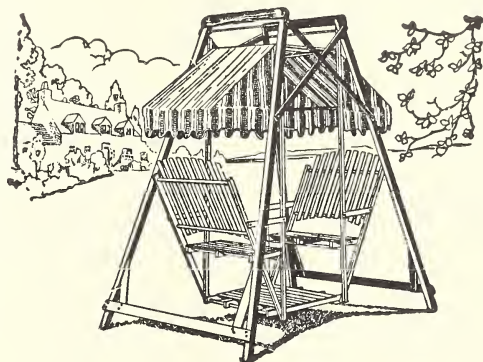
Other Models Furnished on Request. Also Power Mowers.

# FOR THE PORCH AND LAWN



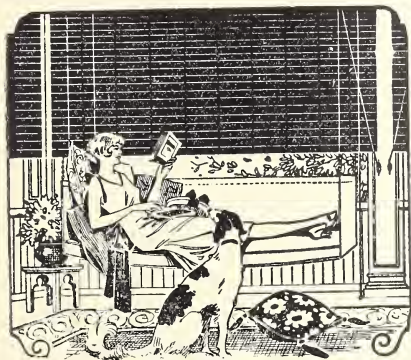
## CROQUET SETS

From the finest hand turned, French Polish finished sets of unusual attractiveness and beauty produced for the most discriminating buyer, to the lowest priced sets that are good—all, represent the greatest values that our unusual facilities, long experience has made it possible for us to sell.



## LAWN SWING

4 passenger model; selected hardwood stock; bolted construction throughout; frictionless, noiseless, long-wearing metal hangers, brackets and hooks (metal-to-metal); seats are adjustable. Frame in Red Enamel, Seats and floor in Natural Varnish. \$11.98—Awning \$7.50.



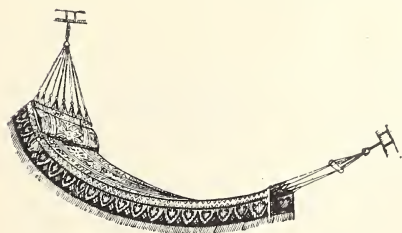
## PORCH SHADE

For cool, comfortable and secluded enjoyment. All kinds, either in the bamboo, natural color, or the bass wood, oil stained, weather-proof, green color or the imported—the small round linden wood. All sizes in stock.

## Success Flower Boxes

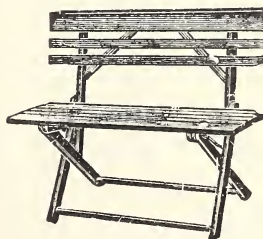


This box made with a patented self irrigating and air circulating system of coppered steel with a lead coat which will neither rust nor deteriorate. 98c up.



## PALMER'S HAMMOCKS

Close canvas weave, with tastefully colored stripes.

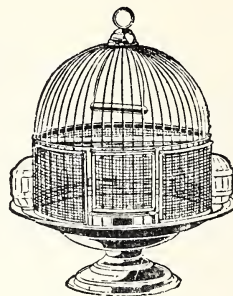
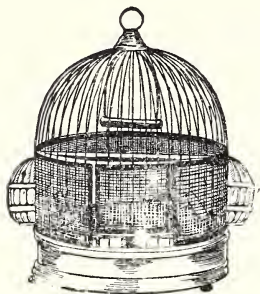


## LAWN SETTEE

All hardwood, Natural Varnish finish; Shaped Seat, 5 slats; back, 5 slats; Drive screw construction. The "Outstanding Value of the Season."



# BIRD SUPPLIES



\$2.50

## EGG AND FRUIT CANARY MIXTURE



Totally unlike any other mixture prepared for regular canary-feeding, Spratt's Egg, Fruit and Canary Seed Mixture offers the bird a delightful and wholesome change.

The quality of the European Canary Seed, sweet summer rape and other seeds forming the blend, is unsurpassed and the addition of egg-flake and

fruit makes it perfect. Its regular use (alternated occasionally with Spratt's Cod Liver Oil Cage Bird Food) must result in improved beauty, health and song.

## COD LIVER OIL CAGE BIRD FOOD



For feeding young birds and old birds in the moulting season. A tonic and flesh and bone maker. Unequalled as an aid to feather growth.

## SPRATT'S SONG RESTORER

An invigorating tonic and treat for Canaries, Linnets, Gold-finches and Seed-eating birds.



## BIRD CAGES

Plain brass throughout, white enamel tray, china cups, wire guard and swing.

Also imported, artificially decorated and colored cages in new finishes, beautifully blended in two-tone combinations of colors with hand ainted bound glass guards.

## BIRD SEED

Try our re-cleaned fresh bird seed if your canaries do not sing or thrive as they should. We have hundreds of bird fanciers who are getting results and are well pleased.

13c Pound

## SPRATT'S MOULTING FOOD



It is not only a valuable tonic mixture but a flesh and bone-making food, keeping birds in good health during the moulting period. As a feather producer, it is unrivaled.

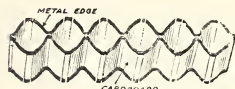
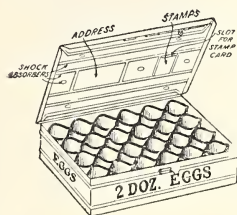
## SPRATT'S "SING-SONG"

An appetizing food and pick-me-up for all songsters.



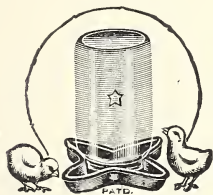
For Every Age and Every Breed the Finest Foods You Can Feed

# POULTRY SUPPLIES



## EGG BOXES

Just the thing for your family egg trade; they are easily shipped back and forth and insure minimum breakage.



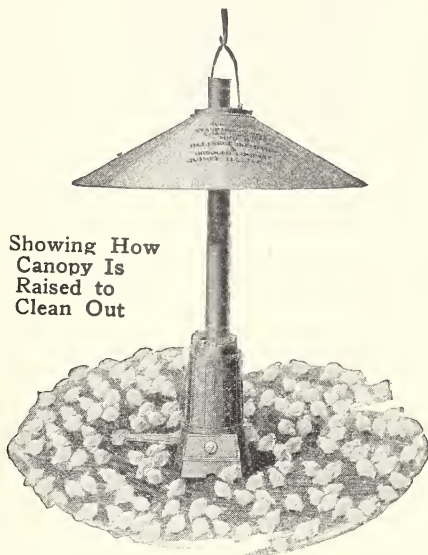
## STAR FOUNTAIN

The most simple, practicable and durable Mason Jar Found on the market.

It is needless to enlarge on our complete line of poultry supplies consisting of:

Charcoal  
Ground Bone  
Tobacco Powder  
Health Grit  
Oyster Shells  
Crystal Grit  
Water Glass  
Oil Brooders  
Caponizing Set  
Sexton Feeders  
Bone Mills  
Grist Mills  
Disinfectant  
Dry Feeders  
Poultry Feeds  
Celo Glass  
Etc.

Showing How  
Canopy Is  
Raised to  
Clean Out



## COAL BROODERS

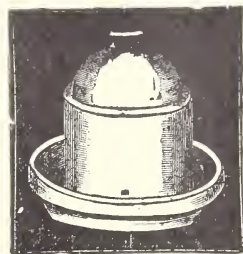
It Has All the Latest Improvements  
It Is Guaranteed to Give Satisfaction

No. 9 Capacity 500 Chicks .....	\$14.75
No. 10 Capacity 1000 Chicks .....	18.50
No. 12 Capacity 1200 Chicks .....	22.50

## REMEDIES

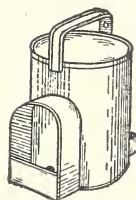
Install a medicine cabinet of remedies in your poultry house as insurance against disease, trouble loss and disappointment. We sell Conkey's and Pratt's because they are very reliable.

**Pratt's  
Conkey's**



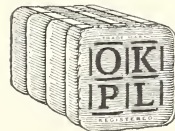
## STONE FOUNTAIN

2 Piece, each 1 quart, 35c; 2 quart, 40c; 1 gallon, 60c; 2 gallons, 90c.



## WALL FOUNTAIN

1 quart .....	40c
2 quart .....	75c
4 quart .....	90c
8 quart .....	1.10



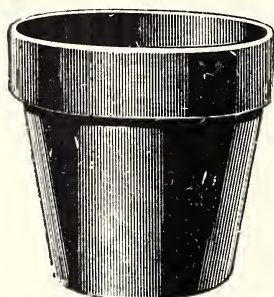
## LITTER

Control trouble with cold, wet floors and consequent disease and deodorize the droppings.





NAPONSET POT



FLOWER POT



NEW YORK STYLE

## FLOWER POTS AND FIBREWARE

### Standard Earthenware Flower Pots

Full inside measurement. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.

Sizes	Each	Doz.	100	1000	Sizes	Each	Doz.	100	1000	Sizes	Each	Doz.	100
2 in.	\$0.03	\$0.30	\$2.25	\$13.00	3½ in.	\$0.07	\$0.50	\$3.00	\$21.60	8 in.	.....\$0.30	\$3.00	\$20.00
2½ in.	.05	.35	2.50	16.00	4 in.	.07	.60	4.00	30.00	9 in.	......40	4.00	30.00
3 in.	.07	.50	3.00	20.00	5 in.	.08	.75	5.40	48.60	10 in.	......60	6.50	42.00
					6 in.	.15	1.50	10.00	72.90	12 in.	.....1.10	11.00	82.50
					7 in.	.20	2.00	13.50	.....	14 in.	.....2.00	20.00	135.00

### Earthenware Flower Pot Saucers

Sizes	Each	Doz.	100
4 in. ....	\$0.04	\$0.30	\$2.50
5 in. ....	.04	.40	3.00
6 in. ....	.08	.75	5.00
7 in. ....	.10	.90	6.50
8 in. ....	.15	1.50	10.00
9 in. ....	.18	1.50	11.25
10 in. ....	.20	1.75	13.50
11 in. ....	.25	2.25	16.50
12 in. ....	.30	2.75	20.25
14 in. ....	.50	5.00	35.00

### Neponset Waterproof Paper Flower Pots

Made of a tough, waterproof paper that retains moisture very satisfactorily. Testing under actual growing conditions has proven that this container may be used successfully when seedling plants are grown therein 6 to 8 weeks.

	Doz.	Per 100	Per 1000
2¼ in. pots .....	\$0.12	\$0.60	\$4.50
2½ in. pots .....	.15	.65	5.00
3 in. pots .....	.18	.80	6.70
3½ in. pots .....	.20	1.10	8.50
4 in. pots .....	.25	1.50	11.00
5 in. pots .....	.35	2.25	17.00
6 in. pots .....	.45	2.70	21.75

Send for Circular and Sample

### Earthenware Round Bulb Pans

Width	Height	Each	Doz.	100
5 in.	3 in.	.....\$0.12	\$1.00	\$6.00
6 in.	3½ in.	......15	1.25	9.00
7 in.	4 in.	......20	2.00	13.50
8 in.	4½ in.	......30	3.00	22.00
9 in.	5 in.	......50	4.00	30.00
10 in.	6 in.	......60	6.00	40.50

### Plant-Tubs

**New York Cedar.** Made of the choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress.

No.	Diam.	Ht.	Price	No.	Diam.	Ht.	Price
1	12 in.	10½ in.	2.98	3½	16½ in.	15¼ in.	5.48
2	13 in.	13 in.	3.75	4	19½ in.	17 in.	5.98
3	14½ in.	15 in.	4.25	5	22½ in.	18½ in.	7.98



RICHMOND STYLE

### Tree Tubs

Made of seasoned, selected Virginia White Cedar; bound with electric-welded wire hoops (galvanized), three hoops to each, except the smallest two tubs which have two.

No.	inches Top Diam. Inside	inches Depth Inside	Each Price
2	7	7	\$0.70
3	8	8	.75
4	9	9	.80
5	10	10	.90
6	11	10	1.15
7	12	11	1.35
8	13	12	1.50
9	14	13	2.00
10	15	14	2.50

# FOUND! A SUBSTITUTE *for* MANURE!

AND  
ITS NAME IS:

## "SUPER=HUMUS"

**SUPER-HUMUS** is a good substitute for manure. It is prepared by mixing the proper chemicals with cultivated humus to give it the readily available plant food found in average manure.

The nutrient plant food it contains is as follows:

Nitrogen .....	1.46%
Superphosphate .....	.13%
Potash .....	.31%

Artificial Manure is superior to the best grade of straw manure, because it has—

1. No odor
2. No weed seeds
3. The chemical content is pure and more active
4. No burning of plant roots
5. No waste
6. There is three times the organic value in Super-Humus compared with common horse manure
7. No disease—no soil infection—no noxious bacteria

The following are the prices delivered to your door:

1—100 pound bag .....	\$ 2.50
10—100 pound bags .....	\$20.00
1 Ton (2,000 lbs.) .....	\$30.00

Carload lots in bulk quoted on request

"Made by the makers of Hyper-Humus"

## WE RECOMMEND===

## THE TIME TESTED



# Hyper-Humus

**D**ON'T let a 1931 Drought burn your garden and lawn like it did in 1930. We have found that moisture is best conserved and fertility built up when a water holder and organic like Hyper-Humus is incorporated in the soil.

Tested so long—proven a valuable ally of the garden and home owner we sincerely **urge you** to order a supply now, and work it into your soil while ground is in best condition to absorb it.

Humus is Nature's fertility producer—without it no plant growth can exist.

Hyper-Humus is humus in a highly refined state—being "cultivated."

"Cultivated" means that it is prepared by growing, then turning under green cover crops like Soy Beans, Rye, Hairy Vetch, etc., the same as the expert farmer improves his soil.

### The Soil Conditioner Par Excellence!

No other commercial humus is prepared this way.

It is fine in texture—dark in color—slightly acid—far superior to leaf mold. It is odorless, clean, easy and simple to handle—and best of all—**makes things GROW!**

We deliver it to your door at the following prices:

One only—100 lb. bag .....	\$ 2.00
Ten—100 lb. bags .....	\$17.50
One Ton—2,000 lbs. (loose, not bagged) .....	\$25.00

Carload lots quoted on request.

Phone for advice—we'll tell you what to do.  
Literature Free.



# FERTILIZERS



## SHEEP'S HEAD PULVERIZED SHEEP MANURE FEEDS THE WHOLE PLANT

No plant food has ever been found to take the place of natural manure as a complete fertilizing agent. Phosphate fertilizers develop the leaves. Potash fertilizers develop the roots. Another vital element to verile growth is necessary, **ORGANIC MATTER!** Sheep's Head Pulverized Sheep Manure contains organic matter—phosphoric acid, potash, nitrogen, and all the other ingredients essential to balanced, vigorous plant development.

Its use cannot be harmful to the plant life at the hands of the ordinary individual because its elements are in the natural fertilizing form.

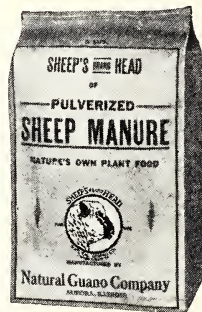
Lawns, Flower Beds, Flower Boxes, Vegetable Gardens, Grape Vines, Berry Bushes, Fruit Trees, Shrubs, Rose Bushes, Nursery Stock, Shade Trees, Field Crops, Cemeteries, Golf Courses, Parks

**Grow Quickly Beautiful, Luxuriant, Sturdy—  
When Their Soil Is Dressed With**

### Sheep's Head Pulverized Sheep Manure

**In Neat Packages**

2-pound .....	\$0.25	25-pound .....	\$1.25
5-pound .....	.40	50-pound .....	2.00
10-pound .....	.75	100-pound .....	3.00



### BLOOMAID

Use it in the vegetable garden, around shrubs and to enrich the soil in window boxes and flower pots.

Fifteen times as rich as manure; does not bring in weed seed or the spores of plant diseases.



#### Bloomaide Prices

Tablet Form (125 Tablets) ..	\$ .25
Liquid Form (8-oz. Bottle) ..	.50
Pulverized Form:	
1-lb. Can .....	.25
5-lb. Containr ..	.50
25-lb. Bag .....	1.75
100-lb. Bag .....	5.00

### FAIRWAY

This is the treatment now used on the lawns of country estates, polo fields and on the most famous golf courses.

Fifteen times as rich as manure; costs not more than 10 cents for each 100 square feet to be treated. Practically no odor.

#### Prices

100-lb Bag (enough for 5,000 sq. ft.) .....	\$5.00
50-lb. Bag (enough for 2,500 sq. ft.) .....	3.00
25-lb. Bag (enough for 1,250 sq. ft.) .....	1.75
10-lb. Bag (enough for 25 sq. ft.) .....	1.00

Convenient, easy to handle. Complete directions for lawn treatment on every bag.



# A. A. QUALITY FERTILIZERS

## HIGH GRADE FERTILIZERS

### "Agrico" Fertilizer

"AGRICO" Fertilizers contain all the elements of plant food which have long been regarded as essential to the fertilization of growing crops, as well as other elements which have not been so generally recognized. The finest for general trucking.

#### GUARANTEED ANALYSIS

Ammonia .....	5 per cent.
Available Phos. Acid .....	10 per cent.
Potash .....	5 per cent.

Ton (12 bags) \$50.00; per bag, (100 lb.), \$4.00



## MONARCH FERTILIZER

A high grade general Fertilizer for all Crops.

#### GUARANTEED ANALYSIS

Ammonia .....	4 per cent.	
Available Phos. Acid .....	8 per cent.	Ton (12 bags), \$45.00; per bag, (100 lb.), \$3.00
Potash .....	4 per cent.	

## CHAMPION SPECIAL FERTILIZER

We recommend this fertilizer for a general line of crops, and consequently the trucker and market gardener is interested in buying that fertilizer which for the least cash outlay, will bring him the best returns; as it is no longer a question, but an actual fact, that from first class material, like our special Fertilizer, the purchaser will get the best results.

Equal to Ammonia .....	2 per cent.	
Available Phos. Acid .....	8 per cent.	Ton (12 bags), \$39.00; per bag (100 lb.), \$2.75
Potash .....	5 per cent.	

## FINE GROUND BONE

AN EFFICIENT AND PERMANENT DRESSING FOR LAWNS; ODORLESS

#### GUARANTEED ANALYSIS

3 per cent. Ammonia .....	50 per cent. Bone Phosphate of Lime .....
5-pound bag for space 20x25 feet .....	\$ .40
10-pound bag for space 20x50 feet .....	\$ .75
25-pound bag for space 25x100 feet .....	\$ 1.25
50-pound bag for space 50x100 feet .....	\$ 2.00
100-pound bag for space 1/4 acre .....	\$ 3.50
1 ton .....	\$50.00

## NITRATE OF SODA

A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the crops are above the ground when 100 pounds per acre should be sown mixed with wood ashes. Does not exhaust the land.

1 lb. bag .....	\$0.12	25 lb. bag .....	\$1.75
5 lb. bag .....	.50	50 lb. bag .....	3.00
10 lb. bag .....	.90	100 lb. bag .....	5.00
		1 Ton, \$75.00	

## SUPER PHOSPHATE

16 per cent. Available Phosphoric Acid

This is one of our Fertilizers which is used in the largest quantity in most of our mixtures as a base.

Per 100 lbs. ....	\$ 2.25	Per ton .....	\$28.00
-------------------	---------	---------------	---------



# SOIL INGREDIENTS

**Adco.** A culture of bacteria associated with the breaking down of organic materials. Add it to garden rubbish, leaves and grass clippings to hasten decay and quickly produce manure. 25 lbs. \$2.00, 150 lbs. \$10.50.

**Ashes, Hardwood.** These furnish potash. One to two tons per acre may be harrowed into land in winter or early spring. May be broadcast between rows of corn, potatoes, beets, carrots, etc., 10 pounds per 100 feet. 100 lbs. \$2.00,  $\frac{1}{4}$  ton \$8.00,  $\frac{1}{2}$  ton \$15.00, 1 ton \$25.00.

**Bone Meal.** Animal bone is generally considered by experienced growers to be far superior, as a source of phosphoric acid for most crops, to the mineral phosphates. The analysis shows  $4\frac{1}{2}\%$  of ammonia with 23% total phosphoric acid, or 50% bone phosphate of lime. 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$3.50, ton, \$50.00.

**Tankage.** Similar in general effect to bone-meal, yielding lime and phosphoric acid. Used largely by the greenhouse man, and is excellent for grapevines. Allow 3 ounces per square yard (1,000 pounds to the acre) and rake in humus. 167 lb. bag \$7.50, 1 ton \$80.00.

**Lime, Agricultural Hydrated.** Corrects acid conditions of the soil, and at the same time is a plant-food; further, it liberates other foods in the soil. Binds loose soils and, curiously enough, opens heavy land. Quick acting. Use from 1 to 3 tons per acre; 6 to 18 ounces to the square yard. As a winter dressing to sweeten lawns, broadcast 1 ton to the acre or 6 ounces per square yard. 50 lb. bag 75c.

**Limestone, Pulverized.** Slower to act than Hydrated Lime but the effect is felt over a longer period. Use from 2 to 4 tons per acre. 80 lb. bag \$1.00, 1 ton \$15.00. Especially favorable rates in carload lots.

**Muriate of Potash.** Excellent for potatoes, corn, grains, etc. Use from 350 to 750 pounds per acre. 50 lb. \$2.50, 100 lb. \$4.50, 1 ton \$65.00.

**Nitrate of Soda.** A plant stimulant. Adds nitrogen in a form which is immediately available to the plants. Forces a heavy, succulent growth in lettuce and similar leaf vegetables. Gives a jump to lawns, and, in fact, to all crops. Use it sparingly and with great care; not more than  $1\frac{1}{2}$  ounces per square yard, or 500 pounds to the acre, raked or harrowed in. Give at one-half this rate to lawns, but first mix with four times its bulk of fine soil or sand. As a liquid fertilizer one ounce may be dissolved in one gallon of water. 1 lb. 12c, 5 lb. 50c, 10 lb. 90c, 25 lb. \$1.75, 50 lb. \$3.00, 100 lb. \$5.00, 167 lb. \$7.00, 1 ton \$75.00.

**Peat Fiber.** A vegetable product which remains in the soil for many years without decaying; in the meanwhile it absorbs and holds it for the plants. Its presence in the top layer of a lawn adds materially to the resilient carpet-like feel of good turf. As a mulch around the roots of plants it is excellent. May be used freely. Large bale, about 170 lb. \$4.00.

**Pulverized Poultry Manure.** An excellent fertilizer, rich in plant-food, for all garden crops, flowers, and lawns. Dig in 3 to 16 ounces per square yard, or  $\frac{1}{2}$  to  $2\frac{1}{2}$  tons to the acre. Mix freely with soil or sand when applying to lawns and then use only very little. 100 lbs. \$4.50, 500 lbs. \$17.00, ton \$60.00.

**Salt, Agricultural.** Occasionally used as a top-dressing for asparagus. Also effective as a weed-killer on roadways, paths, etc. 100 lb. \$2.00, 500 lb. \$9.00, ton \$32.00.

**Stim-U-plant.** Fertilizer in tablets. These may be placed in the soil around plants. in flower pots, or dissolved in water for a liquid fertilizer. 30 tablets 25c, postpaid 30c, 100 tablets 75c; postpaid 85c; 1,000 tablets \$3.50, postpaid \$3.65.

**Sulphate of Ammonia.** A nitrogenous plant stimulant, very quick in action, tending to make soil acid. Increases leaf-growth. much used on lawns, which it not only feeds, but weeds are discouraged; when top-dressing lawns apply 1 ounce per square yard or 350 pounds to the acre, but first mix with several times its bulk of soil or sand. Between rows of spinach, lettuce, cabbage, etc., 3 pounds to 100 running feet may be broadcast and hoed in. As a liquid stimulant dissolve 1 ounce in a gallon of water and apply to the roots of plants. 5 lb. 60c, 10 lb. \$1.00, 25 lb. \$1.75, 50 lb. \$3.00, 100 lb. \$5.00, 1 ton \$80.00.

**Sheep Manure, Pulverized.** Sheep manure probably enjoys a greater popularity than all of the other fertilizers of this type combined. It is a highly concentrated product, free from straw and rubbish and is entirely free of weed seeds. No danger from burning is entailed through the use of sheep manure. 2 lb. 25c, 5 lb. 40c, 10 lb. 75c, 25 lb. \$1.25, 50 lb. \$2.00, 100 lb. \$3.00, 1 ton \$48.00.

**PLANTABBS** are small, clean, quickly dissolving tablets without odor. Highly concentrated form of nitrogen, ammonia, phosphoric acid and potash in proper balance. Especially good inside where smelly fertilizer cannot be used, but equally effective on roses and other garden flowers. 25c Pkg.

## STIMUGERM

**Small Garden Unit.** A composite culture of the bacteria essential for the growth of Peas, Beans, and Sweet Peas.

# INSECTICIDES AND FUNGICIDES

**Pyrethrol.** Will control most soft-bodied insects. Japanese Beetle, Rose Chafers, Lace bugs, potato bugs, aphids, cabbage worms, current worms, white fly, thrips, cucumber beetle and many other types.  $\frac{1}{2}$  lb tins, making 4 to 6 gals. finished spray **50c**, 2 lb. tins making 16 to 24 gal. spray **\$1.50**, 10 lb. tins making 80 to 120 gal. spray **\$6.00**.

**Ant Destroyer.** An effective remedy for Ants,  $\frac{1}{2}$  teaspoonful required for each ant hill. **40c** per can.

**Aphistrogen.** Makes a complete spray for most sucking insects; prepared especially for roses and other plants. Per 4 oz. **75c**, **\$1.25** per  $\frac{1}{2}$  lb., **\$3.50** per 2 lbs, 12 lbs. **\$15**.

**Arsenate of Lead.** Powder. Superior to paste in that it does not deteriorate from standing. Use 1 to  $1\frac{1}{2}$  lbs. to 50 gals. of water. 1 lb. **28c**, 4 lb. **\$1.00**, 10 lb. **\$2.25**, 25 lb. **\$5.00**, 50 lb. **\$9.00**.

**Black Leaf 40.** A concentrated nicotine solution for aphids, thrip and red spider. Dilute 1 oz. to from 3 to 6 gals. of water. 1 oz. **35c**,  $\frac{1}{2}$  lb. **\$1.25**, 2 lb. **\$3.25**, 10 lb. **\$11.85**. (Not mailable.)

**Bordeaux Mixture.** Powder Can be used dry or as a spray. When used as a spray 6 lbs. to 50 gals. of water will make standard 3-3-50 mixture. 1 lb. **28c**, 4 lb. **\$1.00**, 10 lb. **\$2.25**, 25 lb. **\$5.00**, 50 lb. **\$9.00**.

**Bordeaux Asenate of Lead.** Powder. Use 7 lbs. to 50 gals. of water. 1 lb. **50c**, 4lbs. **\$1.75**.

**Hammond's Copper Solution for Mildew and Blight.** Price, 1 qt., **\$1.25**; 1 gal., **\$4.50**.

**Cyanogas, "Calcium Cyanide,"** Grade A, for the destruction of ground moles, wood chucks, rats and other rodents. Per lb. **\$100**, 5 lb. **\$3.50**. (Not mailable.)

**Evergreen.** A non-poisonous insecticide that is as equally efficient in both the flower and vegetable garden. Destroys a great number of both chewing and sucking insects without danger of burning the plants. 1 oz bottle **35c**; 6 oz. bottle **\$1.00**, pint **\$2.00**, quart, **\$3.50**, gallon **\$13.00**.

**Insect Spray, "Red Arrow."** A contact insecticide that may be used upon the most tender foliage without burning and the more delicate flower without staining. Economical to use being decidedly effective at dilutions of one to five hundred. Oz. **35c**.

**Fungtrogen.** A most effective and scientific preeventative and remedy for Mildew, Black Spot and other fungoid diseases of roses. Will not discolor foliage.  $\frac{1}{2}$  pint **75c**, pint, **\$1.25**, quart **\$2.00**, half gallon **\$3.50**, gallon **\$6.00**. (Not mailable.)

**Cut Worm Food.** It is simple and easy to use. It consists of a material that is more delicious and is much more preferred by the CUTWORM than the plants themselves. It is sprinkled on the ground around the plant just as its found in package. 1 lb. **45c**, 5 lb. **\$1.50**.

**Grape Dust.** Powder. A remedy for mold and mildew. Ready for use as bought. 5 lbs. **\$1.00**, 10 lbs. **\$1.80**.

**Insectrogen.** A complete spray. Poison, fungicide and fertilizer. Highly effective for leaf chewing insects, and an equally efficient detergent for black spot on Roses, and Mildew and Red Spider on Phlox. Half pints **\$1.00**, pints **\$1.75**, quarts **\$2.75**, half gallons **\$4.50**, gallons **\$8.00**. (Not mailable.)

**Kerosene Emulsion for Caterpillars.** Price, 1 qt., **75c**; 1 gal., **\$2.00**.

**Lemon Oil.** Effective against scale and aphids. Particularly recommended for use indoors, since it has a pleasant odor. Dilute 1 part to 10 parts of water.  $\frac{1}{2}$  pt. **45c**, 1 pt. **75c**, 1 qt. **\$1.25**, 1 gal. **\$3.00**, 5 gals. **\$12.00**.

**Lime Sulphur Solution.** The standard remedy for scale and for certain fungus. Use 1 part to 9 parts of water. 1 qt. **50c**, 1 gal. **\$1.00**, 5 gal. **\$3.75**,  $\frac{1}{2}$  bbl. **25c**, gal. 1 bbl. **22c** gal.

**Lime Sulphur.** Powder. Apply 12 to 15 lbs. in 50 gals. of water. 1 lb. **30c**, 5 lb. **\$1.25**, 10 lb. **\$2.00**, 25 lb. **\$4.00**, 100 lb. **\$13.00**.

Tobacco preparations, either dust or liquid or both, is for sucking and soft bodies insects. It will be wasted on disease and hard-shelled insects. Sulphur for garden work. You will need it for mildews. Lime will prevent damage by slugs and snails. Lime-sulphur solution is necessary for scale insects on trees and shrubs. Miscible oils are good for winter spraying on these same insects, but injure foliage in spring. Either lead arsenate, calcium arsenate or paris green is needed for beetles, caterpillars and other insects that chew and swallow pieces of foliage. For small gardens a small package of each will be necessary. Any surplus (except for lime) will be good for several years.



# INSECTICIDES AND FUNGICIDES

**Nico Fume.** Liquid. An effective vaporizing liquid.  $\frac{1}{4}$  lb. 85c, 1 lb. \$2.25, 4 lb. \$7.00, 8 lb. \$11.50.

**Para-Dichlorobenzene.** Highly recommended for destroying the peach borers in trees four years and older. During September a ring of the crystals is placed on the soil around the trunk and covered by mounding the earth against the tree. One ounce is sufficient for each tree. 1 lb. can 50c.

**Paris Green.**  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 30c, lb. 50.

**PYROX (Bowker's).** The one best and safest all-round spray which kills all leaf-eating insects and prevents blight and all fungous troubles, without injury, on trees, grape-vines, currant bushes, potatoes, cantaloupes, cucumbers, and other garden vegetables, also on rose bushes, shrubbery, etc. It is a creamy paste which looks like paint and "sticks like paint." It needs only to be mixed with cold water and it is ready to apply. 1 lb. 50c, 5 lb. \$1.75, 10 lb. \$3.00, 25 lb. \$6.25, 50 lb. \$10.75, 100 lb. \$15.50; 300 lb. \$43.50.

**Scalecide.** Used for the destruction of the San Jose scale. Dilute at the rate of one gallon to twenty gallons of water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. Trees may be sprayed in winter and early spring before they start to come to bud. Qt. 75c, gal. \$1.75, 5 gal. \$6.25, 10 gal. \$10.60, 15 gal. \$13.50, 30 gal. bbl. \$25.00, 50 gal. \$35.00.

**Semesan.** A Mercuric Disinfectant. As a remedy for the malignant grass disease called "Brown Patch," Semesan has been successful, spectacularly so, and is now used throughout the country, both to prevent and cure attacks of this parasite on golf-courses, turf tennis-courts, baseball diamonds, and estate lawns. 2 oz. 50c, lb. \$2.75, 5 lb. \$13, 25 lb. \$56.25, 100 lb. \$220.

**Semesan, Jr.** An equally effective form of Semesan for the dry dust disinfection of both field and sweet corn seeds against the ear, root, and stalk rots. 4 oz. 50c, lb. \$1.75, 5 lb. \$8, 25 lb. \$31.25, 100 lb. \$120.

**Semesan Bel.** Applied to whole or cut seed potatoes, either as a dry powder or a white-wash-like water mixture, Semesan Bel will prevent or control the common seed-borne potato diseases. 4 oz. 50c, lb. \$1.75, 5 lb. \$8, 25 lb. \$31.25, 100 lb. \$120.

**Slug Shot.** One of the most known remedies for cabbage and currant worms. Apply as bought. 1 lb. 20c, 5 lb. 60c.

**Snarol.** An effective bait for controlling Cutworms, Grasshoppers, Snails, Slugs and Sow Bugs. Not injurious to plants or other vegetation. One pound 50c, three pounds \$1.00, 15 lb. bag \$3.75, 50 lb. sack \$10.00. (Not mailable.)

**Soap, Fish Oil, or Caustic Potash Fish Oil.** Remedies for scale and aphids. 1 lb. 30c, 5 lb. \$1.25, 25 lb. \$4.50.

**Sulphur.** Powdeerd. For mildew. 1 lb. 15c, 5 lbs. 60c, 10 lbs. \$1.00, 100 lb. \$6.00.

**Sulphur Candles.** For fumigating the conservatory and greenhouse; also the sick-room. 15c each, \$1.50 per doz.

**Thrip Juice (Hammond's).** Very effective against aphids, red spider, mealy bug, etc. Qt. \$1.50, gal. \$4.25.

**Tobacco Dust.** The best of the Tobacco Dusts for dusting or fumigating. Lb. 25c, 5 lb. 60c, 10 lb. \$1.00, 25 lb. \$2.00, 50 lb. \$3.75, 100 lb. \$7.

**Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 60c, 5 lb. can \$2.75, 10 lb. can \$5.25, 25 lb. \$11.

**Tree Wound Paint.** Prevents decay. A resin-dium, penetrating, antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops tree bleeding. Pt. 60c, 1 qt. \$1.00, 1 gal. \$3.50.

**Volck.** A refined oil emulsion that may be used on foliage with entire safety. Effectually controls scale, mealy bug, white fly, red spider, aphids, thrips, etc. Does not discolor foliage, but rather imparts a bright glossy appearance. One gallon makes from 32 to 35 gallons of spray solution. Half pint 50c, pint 75c, quart \$1.00, gallon \$3.00, 5 gal. \$12.

**Wilson's Weed Killer.** Kills all plant growth. Dilute 1 part to 40 parts of water. Applied with an ordinary watering can. 1 qt. 50c,  $\frac{1}{2}$  gal. 85c, 1 gal. \$1.50, 5 gal. \$5.50.

**Wilson's O. K. Plant Spray.** An insecticide that is equally good upon house plants as well as in the garden. It will destroy aphids, red spider, lace wing fly, currant worms, and other soft bodied insects.  $\frac{1}{2}$  pt. 45c, 1 qt. \$1.00, 1 gal. \$3.00, 5 gal. \$12.

**Zenoleum.** A coal-tar product that is a powerful disinfectant, deodorant and germs destroyer. For use in stables, poultry-houses, dog-kennels, etc.  $\frac{1}{2}$  pt. 35c, qt. 75c,  $\frac{1}{2}$  gal. 1.25, gal. \$1.75, 5 gal. \$8.

